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# REPORTS

OF THE

# COMMITTEES FOR 1855,

OF THE

# Massachusetts Horticultural Society,

WITH THE

# SCHEDULE OF PRIZES

FOR

# 1856.

BOSTON:
PRINTED BY DUTTON AND WENTWORTH,
No. 37, Congress Street.
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## REPORT OF THE COMMITTEE ON GARDENS,

### Awarding Premiums for 1855.

On the 22d day of June the Committee on Gardens visited the establishment of Mr. Joseph Breck, situated in the town of Brighton, a few miles from the city of Boston.

Mr. Breck is well known to horticulturists, as the author of an excellent treatise on the Cultivation of Flowers, and as the proprietor of one of the leading seed stores in Boston. Much was expected from his acknowledged skill, taste and perseverance, and the Committee pay him but a proper and deserved compliment in expressing the gratification that rewarded their examination.

The garden of Mr. Breck contains (including the buildings) two and three quarters acres, very irregular in shape. His original purchase, four years since, consisted of a lot of about one acre; on it were all the buildings, green-house, graperies, &c., as they now stand. Two years subsequently he purchased an adjoining lot of one and three quarters acres, then in grass; upon which were about thirty apple trees, some of them quite large, and all in a bearing state with good fruit, but in very bad condition. There were also seven or eight fine Mazzard cherry trees, and some plums. The apple trees have been greatly improved by pruning, scraping, &c., insomuch that the apples are nearly twice as large as they formerly were; yielding last year thirty barrels of fine fruit. The Mazzards have been budded and grafted; and now have fine heads of choice varieties of cherries.

The lot last purchased was bounded for more than thirty rods by an old fashioned stone wall; this has been used for under-drains and foundations for the walks; these walks are five feet wide, and have been made with stones, coal ashes and gravel, and are at all times dry and comfortable. The edgings are mostly of Box, there being about five hundred yards of this plant. A portion of the grass plats have been graded, and fanciful beds have been cut out of the turf, where there has been a grand display of annuals during the season.

About one hundred and twenty-five pear trees have been planted, upon the lot last purchased, during the autumn of 1853, and the spring and autumn of 1854.

Mr. Breck considers autumn the best season for transplanting most kinds of trees. There were on the first lot about twenty-five pear trees, partly in a bearing state. The very best varieties known among us are embraced in this collection, and no inferior variety has been admitted. There is also a good collection of plums, which have not been seriously affected by the black wart; and about twenty peach trees, which at present look very promising.

We found, too, a good collection of minor fruits; currants, (six or eight varieties). gooseberries, raspberries, blackberries, strawberries, &c.

Mr. Breck cultivates five varieties of hardy grapes, and submits as his experience that these yield much better fruit, when permitted to ramble upon a tree; as the fruit is not so subject to mildew and to insects as when grown on a trellis. This plan may improve the grapes, but we question whether it much advantages the tree.

In the graperies were fifteen or sixteen varieties of grapes; but a great majority were the Black Hamburgh, Muscat of Alexandria, White Chasselas, White Frontignan, and Cannon Hall. The Chasselas Musqué, although one of the most highly flavored grapes, Mr. Breck says is inclined to crack, and not being showy, withal, is unpopular at the fruit stores. "My forcing house," adds Mr. Breck, "is a thoroughly constructed building, about fifty feet in length; and had it been set three feet higher, would have been, in all respects, as perfect as could be desired. But the border being low, it is impossible to drain it when the water is high, and consequently to drive the vines very hard. I cannot ripen my grapes before the middle of June." In this house there are twelve vines.

"In my other graperies (eighty-five feet long) I have eighty vines—forty-four under the rafters and thirty-six arranged and trained each side of the centre, making four tiers of grapes. The inner rows are much shaded, but the fruit ripens well, and about as early as those near the glass. This house is divided into two parts by a glass partition, one portion of which is heated up about the 1st of March, ripening the fruit from the 1st to the middle of August. The other portion is without artificial heat, being, to all intents and purposes, a cold house. The fruit in this house begins to ripen from the 1st to the 10th of September, the flavor of which is fully equal to if not superior to that ripened a month sooner in the other house."

There is also on the premises a small greenhouse, thirty-five feet long, well stocked with plants.

We found about one hundred and fifty choice varieties of hardy perpetual and June roses, and ten varieties of Moss and as many Prairie roses.

Mr. Breck has an extensive collection of phloxes, probably one of the largest and best in the country. A great many varieties have been imported, and many others were raised from seed. "I have amused myself," says Mr. Breck, "for more than twenty years, in raising seedlings, and from many thousand seedlings have saved, perhaps, fifty varieties as improvements,—altogether I have named and numbered over one hundred varieties. It will be my study, another year, to reduce the number one half."

It would be impossible for us to enumerate all the varieties of Clematis,

Pæonies, Spiræas, Delphiniums, Aconite, Iris, Campanula, and other hardy herbaceous plants in this garden.

Among the herbaceous plants there is none that is more attractive than the seedling *Delphinium Breckii*, or No. 1. "It is a plant in bloom through the season, flowers semi-double, and of the most brilliant ultra marine blue; a very hardy plant and most desirable to plant in masses. It does not grow over two feet high. I raised this from seed twelve or fifteen years ago."

Of specimen shrubs and trees, there was a large number, including most of those generally known and many rare sorts.

Mr. Breck planted out over one hundred evergreens, of various sorts, last autumn, late in the season; of which he lost only five per cent.

The grounds, greenhouses, &c., were in good order and condition, and all about the premises bore testimony to the intelligent and active supervision of the proprietor; and the Committee award to Mr. Joseph Breck the Society's premium of twenty-five dollars, for the most economically managed, best cultivated, and most neatly kept garden or grounds through the season.

The Committee also visited the estate of Dr. Durfee, at Fall River. This fine property contains four acres of land, and has been in the possession of the present proprietor about twelve years.

Dr. Durfee has erected on the premises an elegant mansion, wherein he resides, surrounded by all the comforts and conveniences desirable, and dispenses a becoming hospitality.

The growth of the trees and shrubs, on this estate, is remarkably good, and what was twelve years ago a clear, open field, is now a thickly wooded lawn. The evergreens, especially, were very luxuriant.

The walks and borders on the grounds were in unexceptionable condition; and neatness and thriftiness are prevailing characteristics.

The Peach house, which the Doctor has within a few years erected, reflects upon him and his gardener great credit. It excels any other of the kind that we have seen in the State. The building is fifty feet long, and contains ten trees trained upon the walls and roof, and as well, upon an inclined trellis. The trees were vigorous, the foliage was profuse and of fine color. Many of the leaves measured ten inches in length. The fruit was abundant, of large size and superior flavor.

The collections of pears and other fruits was select; and the entire garden in commendable conditiou.

The Committee award Dr. Durfee the Society's premium of twenty-five dollars for the most economically managed, best cultivated, and most neatly kept Fruit garden through the season.

All of which is respectfully submitted, for the Committee, by

SAMUEL WALKER, *Chairman.*

## REPORT OF THE COMMITTEE ON FLOWERS,

### Awarding Premiums for 1855.

The Committee on Flowers recommend the awarding of Premiums and Gratuities for the year 1855, as follows:—

#### PREMIUMS AWARDED DURING THE SEASON.

Pelargoniums.—For the six best varieties, grown in pots, to M. P. Wilder, . . . . . $8 00

Fuchsias.—For the best six varieties, in pots, to Evers & Bock, . 8 00

For the second best, to E. A. Story, . . . . 6 00

For the third best, to M. P. Wilder, . . . . 4 00

Green House Plants.—For the best display of not less than ten pots, to M. P. Wilder, . . . . 15 00

For the second best, to Evers & Bock, . . . 12 00

Cut Flowers.—For the best display, to P. Barnes, . . 6 00

For the second best, to James Nugent, . . . 5 00

For the third best, to E. A. Story, . . . . 4 00

Hyacinths.—For the best display, to R. M. Copeland, . . 5 00

Pansies.—For the best twelve distinct varieties, to P. Barnes, . 4 00

Hawthorns.—For the best display, to E. A. Story, . . 3 00

Hardy Azaleas.—For the best display, to E. A. Story, . . 6 00

For the second best display, to J. Kenrick, . . . 4 00

Herbaceous Peonies.—For the best ten varieties, to J. Breck & Son, 5 00

For the second best, to M. P. Wilder, . . . . 4 00

For the third best, to A. Bowditch, . . . . 3 00

Pinks.—For the best six distinct varieties, to J. Breck & Son, . 5 00

For the second best, to W. J. Underwood, . . . 3 00

Roses.—Class I.—*Hardy Roses.* For the best thirty distinct varieties, to M. P. Wilder, . . . . . 8 00

For the second best, to J. Breck & Son, . . . 6 00

For the third best, to Evers & Bock, . . . . 4 00

For the fourth best, to E. A. Story, . . . . 3 00

Class II.—For the best twelve distinct varieties, to J. Nugent, . 5 00

For the second best, to J. Breck & Son, . . . . 3 00

Class III.—*Hardy Perpetual Roses.* For the best ten varieties, to Evers & Bock, . . . . . 5 00

For the second best, to J. Nugent, . . . . 4 00

For the third best, to M. P. Wilder, . . . . 3 00

*Prairie Roses.*—For the best display, not less than six varieties, to W. C. Strong, . . . . . 5 00

For the second best, not less than four, to J. Nugent, . . 4 00

For the third best, not less than four, to S. Walker, . . 3 00

Carnations and Picotee Pinks.—For the best ten varieties, to Evers & Bock, . . . . . 5 00

For the second best, to Hovey & Co., . . . . $4 00
For the third best, to W. J. Underwood, . . . 3 00
Double Balsams.—For the best eight varieties in spikes, to J. Breck & Son, . . . . . 3 00
For the second best, to J. Nugent, . . . . 2 00
For the third best, to P. Barnes, . . . . 1 00
Phloxes.—For the best ten distinct varieties, to J. Breck & Son, . 5 00
For the second best, to Hovey & Co. . . . . 4 00
For the third best, to P. Barnes, . . . . 3 00
German Asters.—For the best ten varieties, not less than twenty-five flowers, to Hovey & Co., . . . . 4 00
For the second best, to E. S. Rand, Jr., . . . 3 00
For the third best, to R. Murray, . . . . 2 00
Antirrhinums.—For the best display, to E. S. Rand, Jr., . . 5 00
For the second best, to W. J. Underwood, . . . 3 00
For the third best, to P. Barnes, . . . . 2 00
Dahlias.—Division A, Premier Prize.
For the best twelve dissimilar blooms, to H. K. Oliver, . 8 00
*Specimen Bloom.*—For the best flower, to H. K. Oliver, . . 3 00
*Various Colors.*—For the best buff, to H. K. Oliver, . . 1 00
For the best tipped, to the same, . . . . 1 00
For the best dark, to the same, . . . . . 1 00
For the best scarlet, to Hovey & Co., . . . . 1 00
For the best yellow, to the same, . . . . 1 00
For the best crimson, to the same, . . . . 1 00
For the best purple, to the same, . . . . 1 00
For the best striped, to the same, . . . . 1 00
For the best rose, to James Nugent, . . . . 1 00
Division B.—Class I.—For the best twenty-four dissimilar blooms, to H. K. Oliver, . . . . . 7 00
For the second best, to Parker Barnes, . . . . 5 00
Class II.—For the best eighteen dissimilar blooms, to Hovey & Co., 6 00
For the second best, to Parker Barnes, . . . 4 00
Herbaceous Perennials.—For the best display through the season, to P. Barnes, . . . . . 8 00
For the second best, to E. A. Story, . . . . 6 00
For the third best, to J. Breck & Son, . . . . 4 00
Annuals.—For the best display through the season, to P. Barnes, 8 00
For the second best, to M. Trautman, . . . . 6 00
For the third best, to E. S. Rand, Jr., . . . . 4 00
Flowering Shrubs.—For the best display through the season, to E. A. Story, . . . . . 8 00
For the second best, to P. Barnes, . . . . 6 00
For the third best, to J. A. Kenrick, . . . . 4 00
Bouquets.—For the best display through the season, to J. Nugent, 6 00
For the second best, to Galvin & Hogan, . . . 5 00
For the third best, to Mary R. Richards, . . . 3 00

HARDY AZALEAS.—For the best display, to E. A. Story, . . $6 00
For the second best, to J. A. Kenrick, . . . . 4 00
HAWTHORNS.—For the best display, to E. A. Story, . . 3 00

PREMIUMS AWARDED AT THE ANNUAL EXHIBITION.

FLORAL DESIGNS.—For the best design, to Evers & Bock, . 60 00
For the second best, to W. J. Underwood, . . 40 00
For the third best, to A. Bowditch, . . . 30 00
For the fourth best, to Galvin & Hogan, . . . 25 00
VASE BOUQUETS.—For the best pair, suitable for the Bradlee vases, the Bradlee Plate, to Galvin & Hogan, . . 10 00
For the second best, to E. A. Story, . . . 6 00
For the best pair for the Society's marble vases, to J. Nugent, . . . . . 10 00
Second premium not awarded.
PARLOR BOUQUETS.—For the best pair, to Galvin & Hogan, . 8 00
For the second best, to M. P. Wilder, . . . . 6 00
For the third best, to E. S. Rand, Jr., . . . . 5 00
For the fourth best, to E. A. Story, . . . . 3 00
GRATUITY.—To Sarah D. Fisk, . . . . . 1 00
PLANTS IN POTS.—For the best display of not less than twenty plants, to J. P. Cushing, . . . . . 12 00
For the second best, to M. P. Wilder, . . . . 10 00
For the third best, to Miss Green, . . . . 8 00
For the fourth best, to E. A. Story, . . . . 5 00
COXCOMBS.—For the best, to Miss Green, . . . . 3 00
BALSAMS.—For the best, to Miss Green, . . . . 3 00
For the second best, to E. S. Rand, Jr., . . . 2 00
HAND BOUQUETS.—For two bouquets, to T. Page, . . . 2 00
For eight bouquets, to E. S. Rand, Jr., . . . . 3 00
For two bouquets, to E. A. Story, . . . . 2 00
CUT FLOWERS.—For fine specimens, to Hovey & Co., . . 3 00
For the best display and best kept during the Exhibition, first premium, to P. Barnes, . . . . . 6 00
For the second best, to J. Breck, . . . . 5 00
For the third best, to E. S. Rand, Jr., . . . . 3 00
For the fourth best, to C. Copeland, . . . . 3 00

GRATUITIES AWARDED AT THE ANNUAL EXHIBITION.

FLORAL DESIGNS.—To Galvin & Hogan, (wreath,) $5; to S. Kneeland, Jr. (for birds,) 5; to Bowen Harrington, 5; to W. C. Strong, copy Victoria Regia and 5; to C. S. Holbrook, copy Victoria Regia and 5; to W. H. Spooner, (for basket flowers,) 1; to Curtis & Lincoln, (for basket flowers,) 3; to Mrs. Hatchman, 5; to Mrs. Wiley, 5; to M. R. Hudson, 5; to Mrs. Flanders, 5; to Mrs. Kenrick, 3; to Miss E. Sewall, 5; to R. M. Copeland,

2; to Mrs. J. Walsh, 1; to Miss S. A. Russell, 5; to Mrs. A. C. Kenrick, 5; to Miss S. W. Story, 3; to Miss S. D. Story, 3; and copies of Victoria Regia to Miss E. M. Harris, Mrs. W. J. Underwood, Miss A. H. Barnes, and Curtis & Lincoln, $76 00

Plants in Pots.—To G. T. Pierce, for pomegranate, $2; to E. A. Story, for asters, 3; to Hovey & Co., for collection of pot plants, 5, . . . . . 10 00

Cut Flowers.—For cut flowers and fine arrangement of verbenas, to T. Page, $4; to E. A. Story, 3; to Hovey & Co., 2; to N. Stetson, 2; to B. V. French, 2; to J. French, 2; to J. Nugent, 1; to R. Murray, 1; to M. Trautman, 1; to Mrs. Appleton, ivy plant, 1; to Mary R. Richards, 3; to J. Nugent, 3; to R. Murray, 3; to W. E. Carter, 3; to Hovey & Co., for new fuchsias, 1 . 31 00

GRATUITIES AWARDED DURING THE SEASON.

To J. Breck & Son, for summer phloxes, . . . . 4 00
To P. Barnes, for cyclamens and cinerarias, . . . 5 00
To Curtis & Lincoln, for anemones,—silver medal.
To Evers & Bock, for acacia, . . . . . 5 00
To J. F. Allen, for Nymphæa cærùlea, . . . . 5 00
To E. S. Rand, Jr., for Rhododendron, . . . . 2 00
To J. F. Allen, for Victoria regia at Annual Exhibition, . . 20 00
To C. F. Jones, for Stanhopea tigrina, . . . . 5 00
To B. V. French, for Inga pulcherrima, . . . . 2 00
To Curtis & Lincoln, for bouquets, plants, cut flowers, &c., at the weekly exhibitions, . . . . . 7 00
To Samuel Cabot, for the same, . . . . . 3 00
To W. E. Carter, for the same, . . . . . 9 00
To Thomas Page, for the same, . . . . . 5 00
To Samuel Walker, for the same, . . . . . 6 00
To W. J. Underwood, for the same, . . . . . 8 00
To Hovey & Co., for the same, . . . . . 8 00
To Thomas Smallwood, for the same, . . . . 2 00
To J. Breck & Son, for the same, . . . . . 14 00
To James Nugent, for the same, . . . . . 17 00
To R. M. Copeland, for the same, . . . . . 1 00
To M. P. Wilder, for the same, . . . . . 4 00
To Evers & Bock, for the same, . . . . . 10 00
To E. A. Story, for the same, . . . . . 16 00
To Martin Trautman, for the same, . . . . . 15 00
To M. B. Williams, for the same, . . . . . 6 00
To Mary R. Richards, for the same, . . . . . 5 00
To A. Bowditch & Son, for the same, . . . . 5 00
To Parker Barnes, for the same, . . . . . 18 00
To Galvin & Hogan, for the same, . . . . . 2 00
To B. V. French, for the same, . . . . . 4 00
To A. Flagg, for the same, . . . . . 1 00

| | |
|---|---|
| To Francis Marsh, for the same, | $1 00 |
| To J. S. Cabot, for the same, | 2 00 |
| To Charles Copeland, for the same, | 10 00 |
| To Henry Bradlee, for the same, | 2 00 |
| To Miss Russell, for the same, | 4 00 |
| To J. A. Kenrick, for the same, | 4 00 |
| To John Dunklee, for the same, | 1 00 |
| To Mrs. W. J. Underwood, for the same, | 3 00 |
| To Miss Anna C. Kenrick, for the same, | 3 00 |
| To Bonard Dennis, for the same, | 2 00 |
| To C. Bullard, for the same, | 1 00 |
| To J. Hyde & Son, for the same, | 2 00 |
| To W. C. Strong, for the same, | 1 00 |
| To Jonathan French, for the same, | 4 00 |
| To J. C. Chaffin, for the same, | 2 00 |
| To E. A. Stone, for the same, | 1 00 |
| To Mrs. William Ashby, for the same, | 2 00 |
| To E. S. Rand, Jr., for the same, | 14 00 |
| To M. Duque, for the same, | 1 00 |
| To Miss Mary R. Richards, for the same, | 2 00 |
| To Henry Vandine, for the same, | 1 00 |
| To Mary Randall, for the same, | 1 00 |
| To S. Smallwood, for the same, | 2 00 |
| To Messrs. Burr, for the same, | 3 00 |
| To Noel J. Becar, Brooklyn, N. Y., for the same, | 2 00 |

From the records made by the Committee, it appears that fifty-six cultivators have, at different times during the season, contributed to the floral department of the weekly exhibitions. At the Annual Exhibition, and in some instances at the Society's Hall, the displays were limited only by the accommodations provided by the Society.

The roses, phloxes, asters and dahlias, have been particularly fine and worthy of commendation. If the displays of these flowers have ever been equalled by the displays of former years, they have certainly, in the opinion of the Committee, never been excelled. As a whole, the exhibitions of the season have been successful in a remarkable degree. They have been not only constantly and liberally maintained, but have evinced a skill and taste in cultivation, highly creditable, both to the exhibitors and to the Society.

For the Flower Committee,

FEARING BURR, JR., *Chairman.*

## REPORT OF THE COMMITTEE ON FRUITS,

### Awarding Premiums for 1855.

Previous to stating the award, your Committee cannot but congratulate the Society on the success attending this department. While there has been no diminution in contributions, the fruits have in nearly all instances been of marked superiority. The fruits are generally better grown and more sizeable, showing favorably in comparison with previous years, both at the Weekly and Annual Exhibition. It is evident, on all sides, that increased care is being bestowed on the cultivation of fruits, particularly the pear. We now have the St. Michael and other varieties—probably never better grown specimens—whereas a few years since they were considered as scarcely worth gathering. The working of the pear on the quince stock, has undoubtedly had its effect upon many varieties, resulting most favorably.

It is believed the pear succeeds as well or better in this vicinity than in almost any other part of our country, and will compare with the same fruit grown in any region. We certainly had abundant proofs of this at our Annual Exhibition, from the lips of various noted foreign amateurs, who have witnessed many like exhibitions in England and France. It is a fruit that is constantly in demand, (at least the late keeping varieties,) and much of it is sold to go to New York, and even as far as Washington. A proportion is sold with us directly from the producer, while there are various dealers constantly furnishing the tables for the hotels and private parties during the winter. An attempt was made at a statistical account, but as it is not complete, it will not be furnished at this time. The prices range from 50 cents to $1 50 per dozen, and often as high as $2 is paid for some of the choicest specimens—a price equalling the amount demanded for a barrel of apples; and certainly it cannot be as much work to grow a dozen choice pears as a barrel of apples. It may be urged that the apple tree requires less attention than the pear. One thing is quite certain, the pear will not bear neglect; it requires attention at intervals during the whole season, and what is there belonging to the garden that is not impatient of neglect? "If a thing is worth doing at all, it is certainly worth doing well;" and it is believed few fruits will give a better return than will the pear, whether grown as a standard or a dwarf. In several instances, amateurs have realized five hundred dollars annually from the surplus stock of pears from a garden.

During the past season we have had an exhibition of all varieties of pears grown on quince, equalling in size, fairness of skin, and flavor, the best specimens ever shown in former days. In some instances, the growers attribute the result to a free use of De Burg's super-phosphate of lime,—in others, to the liberal use of ground bone. Without a free use of some kind of manure, and good tillage, we should not expect a good return.

Few seedling pears have been exhibited the past season,—two, however, are worthy of particular mention, viz., the one shown by Mr. McLennan and the one shown by Mr. Walsh.

The Easter Beurré, Beurré Clairgeau, B. Sterckman, Doyenné Sterckman, Glout Morceau, Beurre Langlier, and B. Superfin, have more than sustained their former reputation.

April 14th.—Messrs. Lovett, of Beverly, exhibited the Northern Spy and Ladies' Sweeting, being from trees planted by their late father. The fruits were not only of remarkable size, but were the best specimens of the two varieties ever exhibited at the Society. To the Ladies' Sweeting, as exhibited from all quarters, we would mete out the highest praise, and we wish we could speak in like terms of the Spy; but from nearly all the growers in this vicinity, the past season, there has been the same complaint, viz., "dry rot." Trees have been loaded down with what appeared to be a fine crop, but in going into the tree, to pick for autumn gathering, nearly all the largest were found to be destroyed by the rot: it was the same in a gravelly soil or deep rich loam.

Mr. Bowen Harrington, during the late winter and early spring months, made his usual handsome display of the Baldwin and other late keeping apples.

Mr. Manning and Dr. Stetson have shown the Fallawater, till late in March, in the finest state of preservation. And the former gentleman speaks in high terms of its bearing quality.

Many new varieties of apples have been introduced the past season,—the most prominent amongst them is the "Strawberry," an autumn apple, said to have originated at Greenwich, N. Y. It is of a large size, rather flattened, skin bright yellow, handsomely pencilled with bright red. The flavor is slightly aromatic, with an abundance of subacid juice. The tree is thrifty and said to be a great bearer.

During the past season, blackberries have been shown in abundance and of superior size. The "High Bush" is the variety which has been the most abundant; there were but few of the "Lawton." Of this latter we have too little experience to pronounce on its merits; of its fruitfulness there seems to be but one opinion, and should its flavor, size and solidity for market prove equal to the "High Bush," it will find a ready sale.

Cherries.—The contributions of this variety of fruit have been liberal during the whole season of its maturity. During the early part of the season, Mr. Allen made weekly exhibitions of those grown under glass, which were somewhat out of season, and of an increased size. His Black Tartarians were of so large a size, that nearly every specimen of one box measured three and a half inches in circumference. It is, perhaps, needless to say, that the Society is mainly indebted to Mr. Allen for contributions attractive in the Fruit Department, during the early weeks of the opening of the Hall.

The Black Eagle and Black Tartarian Cherries have proved excellent the past season. Mr. Merriam made a handsome display of the "Favorite," (Dr. Kirtland's Seedling,) with branches showing an astonishing fruitfulness.

This is only one of some thirty seedlings, raised by Dr. J. P. Kirtland, of Cleveland, Ohio. A few of the seedlings have fruited in this section, viz.: Gov. Wood, Black Hawk, Favorite, and Kirtland's May. The former is the most highly prized, both for its flavor and productiveness; the tree is an erect, regular and handsome grower, and is worthy a place in even the smallest collection.

Prof. Kirtland is deserving of the warmest thanks of his horticultural brethren for his exertions in the production of new varieties of cherries, and the very liberal manner in which he has disseminated the buds and scions of each and all.

Grapes.—Forced grapes have been shown, both early and late in the season; and, though there has been a great diminution of crop in general, there has been no deficiency at the Society's exhibitions.

The Society has been mainly indebted in this department for contributions, to J. Fisk Allen, C. S. Holbrook, Mrs. F. B. Durfee, Dr. Durfee, M. H. Simpson, W. C. Strong, James Nugent, Breck & Son, and Apollos Wales.

It will be remembered that both Mr. Allen and Mr. A. W. Stetson have given great attention to the production of seedling grapes, (which, for trial of quality, are first fruited by the aid of glass,) with the view to give the public an open-cultured vine, that will give superior grapes, ripening sufficiently early to insure a crop in this region. Their success has been most flattering, in varieties heretofore spoken of, and to which may be added several from each gentleman, which have fruited the past year for the first time; all give the best promise as to quality.

Mr. Allen has furnished some valuable information on the culture of the grape under glass, which we herewith incorporate in our report:—

Salem, December 20, 1855.

*To the Chairman of the Fruit Committee of the Mass. Hort. Soc.:—*

Sir,—The summer of 1854 was very favorable for the grape. It is worthy of note, that the heaviest amount of this fruit ever produced in one year, in this section of our country, was then ripened, both in open culture, and by artificial means under glass structures. The summer of 1855 was also favorable, having been dry, and free from severe frost until the grapes had fully ripened. The amount of fruit matured, however, was much less; probably not exceeding one half the quantity of the preceding season.

This result was caused in part by the extreme cold of the past winter, the vines having been injured in many places thereby; also, from mildew, which has been abundant this summer, attacking even the wild grape; and, in a degree, owing to bad culture, in suffering an excessive crop to ripen the previous year. All these causes have operated to lessen the crop, alike in field, garden, and house culture. The drought of the year 1854 may be chargeable with part of the deficiency in house crops. This was the case in two or more of my own houses. The vines most affected by this cause

were the Black Hamburgh. My houses are situated on the top of a gentle elevation, and consequently the water, when the surface is frozen, runs off. This was the case the past winter. The vines put forth as usual, giving a good promise of fruit. Subsequently, it was noticed that the bunches of flower buds were becoming yellow, and dropping off. On cutting into the wood of the vine, it did not bleed, and was dry, apparently, as wood cut in the autumn.

On examining the soil at the roots, it was found to be as dry as possible, under the surface, and this extending down as far as we examined, one or two feet. Water was at once applied, and the crop on the later grapes, and on some of the Hamburgh, thereby saved. The loss of fruit by this cause, and by the freezing of the soil of the border of the winter forcing-house, (during the extreme cold,) could not have been less than two to three thousand pounds, in my own garden alone. The vines in cold graperies were extensively winter-killed; I apprehend, more from neglect to properly ventilate them, during bright sunny weather in January and February, than from the extreme cold; suffering the heat to accumulate by day, thus exciting the sap of the vines, and exposing them to freezing by night. I give no estimate of the loss from this cause; but, from my correspondence, know that it must have been many thousand pounds.

Of the quality of the old established varieties of the grape, I have nothing new to add to former reports.

The Barbarossa, a seedling recently produced in England, where it has some reputation, has fruited this season in the grapery of R. S. Rogers, Esq. The quality of the fruit is not considered quite equal to the Black Hamburgh. It ripens later, and, being equally handsome, may prove to be valuable.

For early forcing, the kinds recommended last year still hold their pre-eminence.

For retarding, the Old Black Hamburgh, and the Muscat of Alexandria, (in its varieties,) have remained on the vines the longest time in plump, sound condition.

The Bronze, the Prince Albert, the Portier Noir, the Queen of Nice, the Syrian, the West's St. Peter's, the Wortley Hall Seedling—varieties that are very late, and usually keep well—this year were early, and badly affected by mildew. Where a bunch has escaped this fungus, the fruit has remained fresh and sound up to this date.

Of hardy grapes, the Isabella and the Diana have been, as heretofore, the favorites. The last named well rewards the careful cultivator for his extra attention in cutting out surplus bunches and all small berries.

The numerous seedlings, promising to be valuable, which have been presented for exhibition at your weekly shows, have been fully reported upon in your weekly records, and it is useless to recur to them again now.

Respectfully yours, JOHN FISK ALLEN.

It will be remembered that M. H. Simpson, Esq., gave us a fine display of grapes in January, 1855, and also furnished an article (see report of last

year) on the feasibility of producing two crops a year. July 7th, 1855, Mr. S. made a fine exhibition of his several varieties of grapes, grown on the same vines which produced the crop in January preceding. The berries were fully grown, and well ripened. Accompanying the sample for the Committee to test, was received the following note from Mr. S.:—

*To the Chairman of the Fruit Committee:—*

Dear Sir,—The grapes I exhibit to-day are from vines which gave the crop of fruit exhibited in January last. This is the third crop in succession on the plan of two crops a year, and thus far the vines exhibit no injury. My theory of growing them is, that when the fruit is ripe, the buds and wood are also ripe, and ready to give a new crop, if you give a proper time to nature; that the vines will not be injured, as the root throws out new spongioles, which, with the new leaves, are the reciprocal workshops that make the sap for fruit and buds. The important requisite is, that the spongioles are well supplied with food. With regard to rest, my theory is, that they rest at night; the leaves do not work in darkness. The experiment I have made thus far confirms my theory in every respect. It applies also to all fruits, say peaches, pears, &c. If attention is paid to the supply of the root, two crops can be grown, and give a double quantity without injury to the vines. Yours, truly, M. H. Simpson.

*Saxonville, July 7.*

Grapes, Open Culture.—Contributions have been made of the Isabella, Catawba, Diana, Concord, Winne, Breck, Wyman, Swan, and Delaware. In consequence of the early spring frosts, and the mildew, which made its appearance just previous to the time of the ripening of the fruit, most crops of grapes were much injured.

The *Isabella* has been shown in abundance, though somewhat late, except those from Mr. G. B. Cutter; contributions from him have been exhibited somewhat in advance over others, and he has uniformly shown the best specimens of this variety. At the time of writing, January 29, Mr. Levi Jennings, (who, we understand, procured his vines of Mr. Cutter,) is selling Isabellas at from 75c. to $1 per lb. He raised about fifteen hundred lbs. the past season, which were *safely* packed for winter. These being about the only grapes procurable at this time, will account for the enhanced price.

*Oct. 6th.*—E. C. Tracy, Windsor, Vt., presented the Isabella, in bunches of *extra* size, while the berries were of so remarkable a size for this variety, (for which the Committee awarded Mr. Tracy the Society's silver medal,) that we opened a correspondence with Mr. Tracy, with the view to learn if he had adopted any new mode of culture. By the following letter it will be seen that he is obliged to girdle his vine, otherwise he would fail of obtaining a crop:—

Windsor, January 17, 1856.

*To the Chairman of the Fruit Committee of the Mass. Hort. Soc.:—*

I have the pleasure of acknowledging the unexpected honor done my Isabella grapes, by the award of your Society's silver medal.

As to the *process*, I do not know that I have anything to communicate that can be of use to the Society,—certainly nothing *new*.

The vine stands in a very exposed situation, and runs upon a trellis. Soil, sandy loam, resting upon a subsoil of pure sand. I keep it cut back well, in proportion to the root, and well manured, with the addition of soap suds, while the grapes are swelling.

When the buds begin to break in the spring, they are thinned, so as to leave but one at a joint; and again, when the fruit buds appear, all but one or two to a shoot are rubbed off. This operation was more thorough last season than common,—the vine being so late in showing its buds, that I apprehended an entire failure, if left to its usual chances.

After the fruit begins to swell, (last season not till it was of the size of a common Marrowfat pea,) the shoots are girdled just below the clusters, a ring of bark half an inch long or so, being removed.

I have been fearful of injury to the bud at the base of the shoot, (for next year's crop,) by this process; but, after trying it several years, the fruit of 1855 was as good in growth, and the show at the starting of the buds as abundant as ever. It was not so well ripened as in 1854.

I have been driven to practice girdling by the fact, that it is impossible to secure a crop here—I mean a reliable annual crop—of Isabellas, on open trellis, in any other way.

With thanks for your kind appreciation of my results,

I am, Dear Sir, very respectfully yours,

E. C. Tracy.

Though the *Catawba* is grown in perfection by a few, so also is the Rose Chasselas, Sweetwater, &c., in our city gardens, and we should almost as soon recommend the culture of the latter varieties as the former, with the view to a remunerative crop.

The *Diana* has this year proved early, and superior to any former year, and we can recommend this variety, believing it will not fail to give a good crop in any season. Mrs. Diana Crehore presented a fine display of extra fine bunches and berries, from the *original* vine.

Mr. Brackett has uniformly given us the finest specimens of this variety, and as his mode of culture may be somewhat new to some, we herewith subjoin an extract of a letter from Mr. B., who will be found equally thorough whether in his studio or vineyard:—

Winchester, Oct. 3d, 1855.

*To the Chairman of the Fruit Committee:*

Dear Sir,—To your request that I would communicate to you my method of cultivating our native grapes, particularly the Diana, the nature of the soil, system of training, &c., I cheerfully reply, not that I expect to throw any new light on the subject, or that my mode will be found to differ materially from that of others. The growing interest felt in this department, the certainty that it must continue to occupy a prominent position in the

horticultural art, assures me that the experience of any one, however simple, may be of service.

My little vineyard is situated on a side hill, facing the west, and protected on the north by a belt of pine woods. I should have preferred a more southern or eastern aspect. The soil is by no means what would be called a strong one; it consists of from four to six inches of turf mould, with a reddish subsoil about two feet deep, resting upon a bed of blue gravel. In preparing for the vines, the ground was trenched two feet deep, and the top soil put at the bottom. Stakes eight feet long were then set at the distance of seven feet apart, each way; one vine was planted to each stake, and immediately cut down to two eyes.

And here let me say a word as to the time of setting the vines. My experience is greatly in favor of fall planting. A vine set in the autumn (and it should be done as soon as the leaf falls) will in three years be as strong and as capable of bearing a crop of fruit as one of five years old set in the spring. The training of my vines is at once simple and ornamental. The first year two shoots are allowed to grow, and as they elongate are carried spirally, both in the same direction, about five inches apart, around the stake, and this is continued until they reach the top. The laterals are allowed to grow at random. In the fall they should be pruned back to within eighteen inches of the ground, and the laterals to one eye.

Second year, continue the two canes from the two uppermost eyes, as directed in the first year. The laterals will require summer pruning. In the fall cut back the canes to within eighteen inches of last year's wood. Continue this course until the vine is established the whole length of the post—whatever surmounts it is to be cut back. The fruit is borne upon the side shoots, and the pruning is on the short spur system. The form of the vine may be shaped to the taste of the cultivator; that of the pyramid is decidedly the best.

Those who understand the nature of the vine will readily perceive the advantage this system offers. The vine is thus kept at home. The light and air circulate freely through it. The buds break easily; there is no tendency in one part to rob the other of its due proportion of sap, and when once established requires less care than any other mode of training.

Some of my vines, the first year after planting, were watered with sink-drain water, and being satisfied that it injured them, I have discontinued the practice, and have since root-pruned them, in order to check too free a growth of wood. Many of my neighbors injured their vines by giving them large quantities of stimulating manures, such as fresh stable manure, dead horses or other animal manure; thereby exciting them to make an increased growth of long-jointed wood. I grow my vines for the fruit, and am satisfied if they make a few feet of short-jointed wood, and the only manure (if manure it may be called) which I now give them is a top-dressing of anthracite coal ashes.

The Diana, with me, has proved a great grower and free bearer—the bunches of good size, and the berries large, some of them measuring seven-eighths of an inch in diameter. It is a matter of surprise that this, the

most delicious of our native grapes, should have received so little attention, while new varieties, greatly inferior to it in point of flavor, have been heralded as the greatest acquisition to our list of hardy vines.

The past season has not been favorable to the ripening of out door grapes.

Respectfully yours,

C. A. Brackett.

Mr. Brackett's grounds were originally a pitch pine (Pinus picta) forest. His mode of dressing the vines (with anthracite coal ashes) may be a new feature to some of our grape growers.

Oct. 6th.—Mr. Breck exhibited the "Wyman" grape. In consequence of Mr. Wyman having too liberally manured (mainly with liquid manure) his vine, the quality of the grape was unanimously pronounced much inferior to those shown in 1854.

"Swan's" seedling fully maintained its former reputation for quality.

Mr. Bull exhibited the Concord at the various weekly shows, during its continuance, and both bunches and berries were fully equal to those shown the previous year—it is not expected that the Concord is to come in to the exclusion of the Diana, &c., but it will be sought for as additional to those which can for a certainty be grown and ripened sufficiently early to prove remunerative. There is little doubt that this will prove one of our most valuable wine grapes, and as such it will be largely cultivated not only here but in the West and Southwest. The "Breck," a seedling, was shown by Mr. Waterman—it possesses one quality with the Diana, viz., that of holding the bunches entire, without the dropping of a single berry, though not gathered till quite late in the season.

*Delaware Grape.*—Here we have a variety which has been known at the West some eight or ten years, though for the first time called to the notice of our Society. Specimens were forwarded by Mr. Thompson, Delaware, Ohio, with the view of learning if it could be identified by any of the grape culturists. None could identify it with any foreign variety, and though the fruit somewhat resembled the Rose Chasselas, yet it is a much smaller berry than either the Red Traminer, Garden Tokay, or Rose Chasselas, though fully equal in flavor. There seemed but one opinion with those best capable of judging, and that was that it would prove a seedling from some American grape. It is said to have originated in and been taken from New Jersey to Delaware, Ohio. The Chairman of your Committee has had it growing on the same trellis, during the past season, side by side with the Isabella and several other native vines, and while all others were seriously affected with mildew or blight, the Delaware was entirely free. This vine was received from Mr. A. Hill, a neighbor of Mr. Thompson, and both agree that it ripens with them some ten or fifteen days before the Isabella. The bunch is small, very compact; berries, small, round; skin, thin, of a coppery-rose color; pulp, very little; flavor, sweet, but sprightly and pleasant. And should it ripen earlier than the Isabella in this region, cannot fail to be an acquisition for open culture.

*Peaches* grown under glass have been exhibited in abundance. A few of

the largest contributors have been Messrs. Allen, Wales, Holbrook and Durfee.

The contributions from open culture have not equalled those of former seasons.

*Strawberries.*—The first exhibition was made June 9th, when Mr. Fay exhibited fine specimens of his seedling "Jenny Lind;" and on the same day Mr. Nugent presented Early Virginia. In the hands of Mr. Fay, the Jenny Lind has proved quite productive, and as this is the first season of his distributing his plants, we shall in another season learn as to its productiveness in the hands of others than the originator. Of Mr. Walker's seedling, some who have had it in bearing in Western New York, are enthusiastic in its praise.

For the first time Mr. J. C. Scott, Brighton, has exhibited Scott's seedling and the Brighton Pine. We are inclined to think the former will prove a shy bearer, while the latter is a profuse bearer. Both, in the hands of the originator, are claimed as hardy, withstanding our winters without the slightest protection.

Messrs. Hovey have exhibited several foreign varieties, for the first time, which for fruitfulness, &c., give promise of becoming a valuable addition to our already large stock. The "Capt. Cook" is of a delicious "pine apple" flavor; this and the "Bicton Pine," a white variety, proved the most desirable of the several varieties shown.

Annexed is a list of those who made more than five contributions at our weekly exhibitions:—

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| J. F. Allen, | James Nugent, | George Leland, |
| Henry Vandine, | Isaac Fay, | J. C. Scott, |
| Bowen Harrington, | J. A. Stetson, | Mrs. F. B. Durfee, |
| Josiah Richardson, | Robert Manning, | Edward King, |
| Hovey & Co. | Dr. Durfee, | J. P. & D. R. Palmer, |
| Eben. Wight, | Curtis & Lincoln, | George Wilson, |
| Apollos Wales, | George Walsh, | Jas. Hyde & Son, |
| J. W. Foster, | William Bacon, | M. P. Wilder, |
| James Eustis, | Evers & Bock, | A. D. Webber, |
| Joseph Breck & Son, | Isaac Blanchard, | Mrs. Spaulding, |
| Francis Dana, | Francis Marsh, | Galvin & Hogan, |
| M. H. Simpson, | E. & J. Lovett, | C. A. Brackett, |
| Galen Merriam, | Samuel Bigelow, | Thomas Waterman, |
| J. B. Moore, | W. R. Austin, | J. P. Loomis, |
| Samuel Walker, | John Gordon, | Cheever Newhall, |
| C. S. Holbrook, | R. W. Ames, | Samuel Phipps, |
| W. C. Strong, | C. E. Grant, | Edward M. Richards, |
| A. W. Stetson, | J. S. Sleeper, | Levi Jennings, Jr. |
| M. & F. Burr, | G. B. Cutter, | E. W. Bull. |

PREMIUMS AND GRATUITIES AWARDED DURING THE SEASON.

For the best and most interesting exhibition of Fruits during the season, to J. F. Allen, the Lowell Plate, valued at . $20 00
For the second best, to H. Vandine, . . . . 12 00
Apples.—For the best twelve Summer Apples, on or before the last Saturday in August, to B. Harrington, for the Williams, . 6 00
For the next best, to M. & F. Burr, for Early Harvest, . 4 00
For the best twelve Autumn Apples, on or before the last Saturday in November, to J. B. Moore, for Hubbardston, . . 6 00
For the next best, to James Eustis, for Gravenstein, . . 4 00
For the best twelve Winter Apples, on or before the third Saturday in December, to E. & J. Lovett, for Ladies Sweet, . 6 00
For the next best, to J. B. Moore, for Golden Russet, . . 4 00
Apricots.—For the best twelve, on or before the last Saturday in August, to J. Richardson, . . . . . 5 00
For the next best, to G. L. Baxter, . . . . 3 00
Blackberries.—For the best specimens, not less than two boxes, to J. Nugent, . . . . . 5 00
For the next best, to J. Richardson, . . . . 3 00
For the next best, to W. R. Austin, . . . . 2 00
Cherries.—For the best specimens, not less than two boxes, to M. H. Simpson, . . . . . 5 00
For the next best, to G. B. Cordwell, . . . . 3 00
For the next best, to William Bacon, . . . . 2 00
Currants.—For the best specimens, not less than two boxes, to George Wilson, . . . . . 5 00
For the next best, to R. Manning, . . . . 3 00
Figs.—For the best twelve specimens, to J. F. Allen, . . 5 00
For the next best, to Apollos Wales, . . . . 3 00
Gooseberries.—For the best specimens, not less than two boxes, to Mrs. J. Hovey, . . . . . 3 00
For the next best, to J. W. Foster, . . . . 2 00
Grapes.—For the best specimens grown under glass, on or before the first Saturday in July, to Mrs. F. B. Durfee, . . 8 00
For the next best, to Samuel Bigelow, . . . 6 00
For the next best, to J. Breck & Son, . . . . 4 00
For the best specimens grown under glass, subsequently to the first Saturday in July, to J. F. Allen, . . . 8 00
For the next best, to W. C. Strong, . . . . 6 00
For the next best, to Apollos Wales, . . . . 4 00
For the best specimen of Native Grapes, to E. A. Brackett, for Diana, . . . . . 6 00
For the next best, to Diana Crehore, for Diana, . . 5 00
For the next best, to G. B. Cutter, for Isabella, . . 4 00
For the next best, to C. E. Grant, for Catawba, . . 3 00
For the next best, to Francis Dana, for Diana, . . . 2 00

Musk Melon.—For the best Musk Melon, open culture, on or before the last Saturday in September, to B. Harrington, $5 00
For the next best, to C. Newhall, . . . . 3 00
Nectarines.—For the best twelve specimens, to J. F. Allen, . 5 00
Peaches.—For the best twelve specimens, grown under glass, on or before the second Saturday in July, to J. F. Allen, . 6 00
For the next best, to Apollos Wales, . . . . 4 00
For the best twelve specimens, grown in open culture, to W. Wellington, . . . . . 5 00
For the next best, to C. E. Grant, . . . . 4 00
For the next best, to Thaddeus Clapp, . . . 2 00
Pears.—For the best twelve Summer Pears, on or before the last Saturday in August, to M. P. Wilder, for Rostiezer, . 6 00
For the next best, to H. Vandine, for Muskingum, . . 4 00
For the best twelve Autumn Pears, on or before the last Saturday in November, to Samuel Leeds, for B. Bosc, . . 6 00
For the next best, to William Bacon, for Swan's Orange, . 4 00
For the best twelve Winter Pears, on or before the third Saturday in December, to J. Plimpton, for Glout Morceau, . . 8 00
For the next best, to J. Richardson, for Beurré Rance, . 6 00
For the next best, to H. Vandine, for Beurré gris d'Hiver, . 4 00
Plums.—For the best specimens, not less than two boxes, to H. Vandine, . . . . . 4 00
For the next best, to Josiah Richardson, . . . 3 00
For the next best, to M. H. Simpson, . . . . 2 00
Quinces.—Not awarded.
Raspberries.—For the best specimens, not less than two boxes, to J. W. Foster, for Knevett's Giant, . . . . 5 00
For the next best, to Cheever Newhall, for Knevett's Giant, . 3 00
For the next best, to L. Jennings, Jr., for Franconia, . . 2 00
Strawberries.—For the best specimens, not less than two boxes, to I. Fay, for Jenny Lind, . . . . . 6 00
For the next best, to Geo. Leland, for Hovey's Seedling, . 4 00
For the next best, to W. R. Austin, for Boston Pine, . . 3 00
Gratuities.—To Hovey & Co., for display of strawberries; to J. C. Scott, for Brighton Pine strawberries; to P. R. L. Stone, for Beurré Diel pears; to W. H. Palmer, for Van Mons pears; to Jonathan Fowler, for Beurré Clairgeau pears; to Josiah Richardson, for Beurré d'Anjou pears; to C. S. Holbrook, for grapes; to M. H. Simpson, for grapes, 2d crop, fine exhibition; to E. W. Bull, for Concord grapes; to C. B. Shaw, for extra fine specimens of grapes; to J. A. Stetson, for fine specimens of apples; to Hovey & Co., for fine specimens of B. Langelier pears; to C. S. Holbrook, for fine specimens of peaches; a silver medal each.

To Levi Jennings, Jr., for Isabella grapes; to John Gordon, for Beurré Diel pears; to J. S. Sleeper, for Dix pears; to S. E. Chubbuck, for St. Michael pears; a bronze medal each.

To Samuel Walker, for Urbaniste pears, Appleton bronze medal.
To E. C. Tracy, for Isabella grapes; to A. Thompson, for Delaware grapes; a silver medal each.

PREMIUMS AND GRATUITIES AWARDED AT THE ANNUAL EXHIBITION.

APPLES.—For the best thirty varieties, of twelve specimens each, the Lyman Plate, to J. B. Moore, valued at thirty dollars.
For the second best, to Thaddeus Clapp, . . $25 00
For the third best, to James Eustis, . . . . 20 00
For the fourth best, to B. V. French, . . . . 15 00
For the best twelve varieties, of twelve specimens each, the Society's Plate, to J. Gordon, valued at twelve dollars.
For the second best, to Evers & Bock, . . . . 10 00
For the third best, to J. A. Stetson, . . . . 8 00
For the fourth best, to James Hyde & Son, . . . 6 00
For the best dish of apples, twelve specimens of one variety, to George Pierce, (Porter,) . . . . . 5 00
For the second best, to B. Harrington, (Hubbardston,) . . 4 00
For the third best, to J. G. Whipple, (Washington,) . 3 00
For the fourth best, to J. Gilbert, (20 Oz.,) . . . 2 00
PEARS.—For the best thirty varieties, of twelve specimens each, the Lyman Plate, to M. P. Wilder, valued at thirty dollars.
For the second best, to Hovey & Co., . . . . 25 00
For the third best, to J. Stickney, . . . . 20 00
For the fourth best, to J. Gordon, . . . . 15 00
For the best twelve varieties of twelve specimens each, the Society's Plate, to J. Richardson, valued at twelve dollars.
For the second best, to W. R. Austin, . . . . 10 00
For the third best, to J. H. Stetson, . . . . 8 00
For the fourth best, to J. F. Allen, . . . . 6 00
For the best dish of twelve specimens, of one variety, to J. Richardson, (Flemish Beauty,) . . . . . 5 00
For the second best, to Hovey & Co., (Lawrence) . . 4 00
For the third best, to W. R. Austin, (Bartlett) . . . 3 00
For the fourth best, to W. Bacon, (Andrews) . . . 2 00
ASSORTED FRUIT.—For the best basket, of various kinds, to M. P. Wilder, . . . . . 15 00
For the second best, to N. Stetson, . . . . 12 00
For the third best, to C. S. Holbrook, . . . . 10 00
For the fourth best, to Galvin & Hogan, . . . 8 00
For the fifth best, to W. A. Crafts, . . . . 6 00
For the sixth best, to E. M. Richards, . . . . 4 00
GRAPES.—For the best five varieties, to Mrs. F. B. Durfee, . . 12 00
For the second best, to W. C. Strong, . . . . 8 00
For the third best, to M. H. Simpson, . . . . 5 00
For the best two varieties, to C. S. Holbrook, . . . 6 00

For the second best, to C. E. Grant, . . . . $4 00
For the third best, to Thomas Page, . . . . 2 00
For the largest and best collection, of fifteen varieties, to W. C. Strong, . . . . . 15 00
For the second best, to J. Breck & Son, . . . 8 00
PEACHES.—For the best collection, to T. Clapp, . . . 5 00
For the second best, to E. S. Rand, Jr., . . . . 3 00

GRATUITIES.

PEARS.—To N. White, one copy of Colman's Agriculture; to Henry Vandine, do.; to Francis Marsh, do.; to George W. Southwick, do.; to Wm. A. Crafts, do.; to M. Trautman, do.; to H. A. Dean, do.; to A. Wood, do.; to William H. Spooner, Jr. do.; to R. Manning, Society's silver medal; to R. W. Ames, do.; to William Torrey, do.; to Jacob Eaton, do.; to S. Phipps, do.; to S. Downer, copy of Allen's Victoria Regia; to Galvin & Hogan, do.; to Wm. Bacon, Society's silver medal; to Evers & Bock, copy of Victoria Regia; to E. Brown, do.; to E. A. Story, do.; to J. W. Foster, do.; to J. S. Sleeper, do.; to Robert Manning, do.; to S. H. Chadwick, do.; to F. L. Winship, do.; to Henry Bradlee, do.; to S. Walker, $10; to J. S. Cabot, $10; to Francis Dana, Society's Transactions; to E. C. Stephens, do.; to C. S. Holbrook, do.; to William H. Palmer, do.; to Thomas Thacher, Jr., bronze medal; to Augustus Parker, do.; to William Winslow, do.; to John Mason, do.; to George Shorey, do.

APPLES.—To J. Richardson, (collection,) $6; to W. W. Wheildon, (collection,) one copy of Victoria Regia; to Mrs. J. Lovett, 2d, (collection,) one copy of Victoria Regia; to S. Walker, (Gravenstein,) $6; to E. M. Richards, (collection,) 6; to Eben. Wight, (collection,) one copy of Victoria Regia, . . .

GRAPES.—*Forced*: To S. Austin, $5; to C. E. Grant, 3; to J. Breck & Son, 2; to W. C. Strong, 2, . . . . . 12 00

*Open Culture.*—To G. B. Cutter, $1; to E. W. Bull, 1; to J. Hoffman, 1; to E. A. Brackett, 3; to Mrs. Wells, 1; to G. B. George, 1; to G. W. Collamore, 1; to J. Cass, 2; to T. Waterman, 2; to C. E. Grant, 2, . . . . . 15 00

PLUMS.—To J. Gordon, $6; to H. Vandine, 5; to M. H. Simpson, 4; to T. Hastings, 3; to Eben. Wight, 3; to C. Hill, Jr., 2; to J. Richardson, bronze medal, . . . . . 23 00

MELONS.—To H. Bradlee, $5; to E. M. Richards, 1; to J. B. Moore, 2; to N. Stetson, 2; to B. V. French, 2; to T. Smallwood, 2; to S. Austin, 1; to C. E. Evans, 3; to G. Everett, 2; to A. Parker, 1; to J. B. Moore, 1; to E. Aborn, bronze medal, . . 22 00

PEACHES.—To A. W. Stetson and W. Torrey, $3 each; to J. S. Sleeper, Hovey & Co., Misses Cushing and J.W. Foster, 2 each, 12 00

For the Committee,

EBEN. WIGHT, *Chairman.*

## REPORT OF THE COMMITTEE ON VEGETABLES,

### AWARDING PREMIUMS AND GRATUITIES DURING THE YEAR 1855.

The Committee on Vegetables for the year 1855 report, that the exhibitions in the Hall the past season have been very good; at many of them very fine, plainly showing an increased interest in this department.

At the Annual Show the display was large, and (in the opinion of your Committee) formed one of the most interesting and attractive features of the exhibition, certainly the most useful. Many of the exhibitors were prevented, from want of room, from making a greater display.

Your Committee would recommend that the sum of fifty dollars be added to their appropriation for the ensuing year, to be awarded in gratuities, at the weekly exhibitions, for such objects as may be deemed worthy.

Your Committee have received and herewith present a communication from A. R. Pope, of Somerville, regarding the culture of numerous varieties of the squash, to which he has paid great attention. Some of the varieties were of excellent quality.

*To the Vegetable Committee:—*

GENTLEMEN:—I invited your particular attention at the time to the varieties of squash exhibited last autumn, in competition for the Society's premium for "squashes raised from seeds furnished by Dr. Harris." I may here observe that some of the varieties were exhibited in 1854, but did not attract the attention of the Committee. I now subjoin another list of the varieties, with the results of the trial. The objects contemplated were, the discovery of synonyms, and the testing of new kinds:—

1. *Courge coutours.*—A Summer squash, identical with *Summer Warlect.*

2. *Patisson Blanc.*—A Summer squash, new, but closely resembling the Scollop, in quality, and of the same season.

3. *Talisson Panache.*—A Summer squash, new, very handsome, (variegated,) but as unpalatable as a gourd.

4. *Bonnet d'Electeur.*—Summer squash, new, pear-shaped, similar in quality to the Scollop, perhaps of finer texture; later in season.

5. *Apple-shaped Summer squash.*—New, but of no particular value, being usually quite small.

6. *Courge enforme de Cloche.*—Bell-shaped, new, and very handsome; dry, fine-grained, less sweet than *Marrow*, otherwise fully equal to it for table-use, and keeps well.

7. *Courge sucré de Brazil—Sugar squash.*—Not sufficiently tested, but does not promise well as a Winter squash. From present indications, I should cook it green in summer, as a trial.

8. *Courge a la Moelle—Marrow squash.*—New, and *worthless*, except as a prolific field pumpkin. [Perhaps some mistake in the seed received.]

9. *Courgeron de Genève.*—New, and answers pretty well for pies. No acquisition.

10. *Courge de Valparaiso.*—Not distinguishable from the large squash of the same name.

11. *Courge de l'Ohio.*—Ohio squash, and may be a hybrid of the *Marrow*, which it partially resembles; if so the change is no improvement, but an injury.

12. *Courge pleine de Naples—Neapolitan squash.*—New, very heavy, having a very large solid neck, and a small cavity for seeds. Flesh sweet, dry, and somewhat coarse, but not stringy. *Very superior for pies*, and keeps perfectly, so far.

13. *Courge longue de l'Espagne—Spanish Long squash.*—Only one specimen, which was not perfectly ripened; does not promise well.

14. (a.) *Courge Cacao de Lima—Lima cocoanut.*—very fine grained, sweet, equal to *Marrow.* Seeds, small and plump; skin, light yellow; shape, oblong.

(b.) Do. do. Skin, bright green; shape, very similar to *Marrow.*

(c.) Not quite equal to the others in quality. Skin, pale green; shape, oblong.

[N. B. These, (a) (b) (c), came from one paper, and under that one name; and they bear marks of the same origin, in part.]

15. *Courge Musquèe—Musky squash.*—New, coarse, and watery, but sweet. This fruit was somewhat immature when plucked, and may not be fairly tested. It has better marks than the trial sustained.

16. *Giraumon Turban—Turban squash.*—New, and very handsome, and keeps well. Only one perfect specimen raised, the quality, as proved by that, good; flesh, sweet and dry, somewhat coarse.

17. *Potiron Blanc—White pumpkin.*—New and handsome. Not yet tested. Only one perfect specimen, which keeps well.

18. *Potiron Jaune Gros—Large Yellow pumpkin.*—New, but not particularly valuable; keeps well.

19. *Potiron d'Espagne—Spanish pumpkin.*—Of no particular value; keeps well.

20. *Courge de Chrype—Cyprus squash.*—Not tested sufficiently, the fruit being all immature when gathered, and decayed at once.

21. *Mammoth pumpkin.*—An old variety.

22. *Potiron Verd—Green pumpkin.*—Nearly, or quite, identical with No. 19, in quality, and not different in growth, or general appearance.

23. *Autumnal Marrow squash.*—Genuine, and very fine, seeds raised several years ago, and preserved by Dr. Harris.

24. *Cucurbita Melano sperma—Black Seeded squash.*—Unfit for cooking; may be good for preserves; flesh solid and thick, and keeps well.

25. *Callao squash.*—Not fairly tested, as the fruit was immature; appeared fine, and promises well. (Seeds from Hovey & Co.)

26. *Albion squash.*—Large, and coarse-grained. Average weight of five specimens from one vine, over twenty pounds; keeps well.

| | | | |
|---|---|---|---|
| 27. | *California squash*, | (oblong.) | Coarse-grained and watery, but large, prolific, belonging to the Valparaiso group. |
| 28. | " | " (dark green.) | |
| 29. | " | " round. | |
| 30. | " | " oblong. | |

By covering the blossoms with lace bags, I have kept these varieties from mixture, and one squash on each vine was artificially fertilized by the pollen from its own staminate blossom. I can therefore furnish any one who may wish to raise any of them, with *pure seed;* and in the spring design to place in the hands of the Society, for distribution, the seeds of such kinds as seem to be worthy of dissemination.

In prosecuting my experiments I have noted two facts, which may help to account for the rapid deterioration by hybridization of the Autumnal Marrow, which is likely to take place with ordinary care.

1. That the proportion of staminate blossoms at maturity, when the pistillate blossoms are most abundant, is very small, as compared with those of other sorts. This may have been only accidental; or it may be a prevailing feature of the variety. It did not attract my notice till quite late in the season, and will need to be verified by farther observation.

2. That the visits of bees to both kinds of blossoms are more numerous, by far, than to other kinds; and, consequently, when the supply of pollen is small, it is as likely to be carried away as left in contact with the pistils.

I have also observed that the pollen of squash blossoms is so heavy, that it requires mechanical means to be transported from one blossom to another. And, under these circumstances, while it is perfectly easy to fertilize artificially so many fruits as are required for seed, it is indispensable for the certain preservation of pure seed of any kind, that the blossoms, *in both parts*, be protected from bees and other insects, and that the fertilization be not left to accident.

It will also be observed by you that of the thirty-two varieties, which I have exhibited and described, only Nos. 6, 12, 14, [a, b, and c,] 16, 17, and 23, are considered worthy of cultivation. This conclusion is based not only upon the trial of the fruits, but, in fact, upon the botanical examinations made by Dr. Harris of the young vines. The list would be made much smaller for one's own use, being confined, perhaps, to Nos. 12, 14, and 23, which would supply all the properties required for cooking purposes, if they severally prove to be all that they were this year.

Respectfully yours,

A. R. Pope.

*Somerville, December* 25, 1855.

Your Committee have awarded the premiums according to the published schedule of the Society.

PREMIUMS AND GRATUITIES AWARDED FOR THE YEAR.

ASPARAGUS.—For the earliest and best, not less than three bunches, to H. Bradlee, . . . . . $3 00
For the second best, to E. W. Bull, . . . . 2 00
BEETS.—For the best (pure blood beet) during the season, not less than twelve roots, to J. B. Moore, . . . . 3 00
BEANS.—For the best and earliest peck of string beans, to J. Nugent, 3 00
For the best and earliest Lima beans, not less than two quarts, to B. Harrington, . . . . . 3 00
For the best and earliest variety of shell beans, to B. Harrington, 3 00
CABBAGE.—For the best Drumhead cabbage, during the season, not less than three heads, to J. B. Moore, . . . 5 00
For the second best, to J. Crosby, . . . . 3 00
CARROTS.—For the best exhibited, to J. B. Moore, . . . 2 00
CAULIFLOWERS.—For the best and largest, during the season, not less than three heads, to J. Crosby, . . . . 5 00
For the second best, to J. B. Moore, . . . . 3 00
CELERY.—For the best and largest blanched, not less than six roots, to J. Crosby, . . . . . 5 00
For the second best, to B. Harrington, . . . . 3 00
CORN.—For the best and earliest sweet corn, not less than twelve ears, to H. Bradlee, . . . . . 3 00
For the second best, to J. B. Moore, . . . . 2 00
CUCUMBERS.—For the best pair under glass, previous to the first Saturday of June, to Dr. Durfee, . . . . 5 00
For the second best, to M. P. Wilder, . . . . 3 00
For the best and earliest of open culture, to B. Harrington, . 3 00
LETTUCE.—For the best six heads, before the first Saturday in July, to T. Smallwood, . . . . . 3 00
For the second best, to J. Crosby, . . . . 2 00
ONIONS.—For the earliest and best three bunches, to J. Crosby, . 2 00
POTATOES.—For the best and earliest peck, previous to August 1, to J. B. Moore, . . . . . 3 00
For the second best, to Josiah Crosby, . . . . 2 00
PEAS.—For the best and earliest peck in June, to J. B. Moore, for D. O'Rourke, . . . . . 5 00
For the best peck of late, to H. Bradlee, . . . 4 00
RHUBARB.—For the largest and best, previous to the first Saturday in July, not less than twelve stalks, to J. B. Moore, . . 5 00
For the second best, to G. Merriam, . . . . 3 00
SQUASHES.—For the best pure Canada squashes, not less than six in number, to B. Harrington, . . . . . 3 00
TOMATOES.—For the best and earliest, not less than one dozen, to J. Nugent, . . . . . 3 00
VEGETABLES.—For the best display and greatest variety at the weekly exhibitions, during the season, to B. Harrington, . 5 00

For the second best, to J. B. Moore, . . . . $3 00
For any new variety of vegetable, suitable for the table, and worthy of cultivation, other than seedling potatoes, to F. F. Marsh, for Carrot, . . . . . 5 00
Gratuities.—To Joseph Beegan, . . . . . 4 00
To Curtis & Lincoln, . . . . . 3 00
To. J. F. Allen, . . . . . 1 00
To N. Durfee, . . . . . 5 00
To George Leeland, . . . . . 3 00
To Hovey & Co., . . . . . 1 00
To A. Hatch, . . . . . 1 00
To H. Bradlee, . . . . . 5 00
To A. D. Webber, . . . . . 1 00

PREMIUMS AND GRATUITIES AWARDED AT THE ANNUAL EXHIBITION.

Best Display.—To J. B. Moore, Concord, . . . 10 00
For the second best, to J. Stone & Son, . . . 8 00
For the third best, to B. V. French, . . . . 6 00
For the fourth best, to J. L. Woodward, . . . 4 00
Mammoth Squash.—For the best, to T. H. Bacon, silver medal.
For the second best, to O. Kendall, . . . . 3 00
Pumpkins.—For the best, to William Cary, silver medal.
For the second best, to N. Stetson, . . . . 3 00

Gratuities.—To J. Fussell, for collections, . . . 2 00
To T. Smallwood, for the same, . . . . 2 00
To G. G. Hubbard, for the same, . . . . 2 00
To J. Stone & Son, for the same, . . . . 2 00
To J. Gordon, for the same, . . . . . 2 00
To A. D. Williams & Sons, for the same, . . . 3 00
To Mrs. J. Heard, for the same, . . . . 3 00
To H. Bradlee, for the same, . . . . . 3 00
To G. Everett, for the same, . . . . . 3 00
To Miss Green, for the same, . . . . 3 00
To A. Parker, for the same, . . . . . 3 00
To F. Harrington, for the same, . . . . 3 00
To A. R. Pope, for collection and variety of squashes, . 5 00
To S. Austin, for egg plants, . . . . 1 00
To T. Page, for the same, . . . . . 2 00
To E. A. Story, for squashes, . . . . 2 00
To N. Stetson, for the same, . . . . . 3 00
To George Pierce, for the same, . . . . 2 00
To H. Bradlee, for the same, . . . . 2 00
To E. M. Richards, for the same, . . . . 2 00
To E. Cook, for the same, . . . . . 3 00
To S. B. Perry, for the same, . . . . 1 00
To Joseph Drake, Colman's Agriculture.

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| To S. Sweetser, for collection, | 1 00 |
| To W. G. Ladd, for tomatoes, | 1 00 |
| To George Walsh, for the same, | 1 00 |
| To J. Hyde & Son, for potatoes, | 5 00 |
| To Mrs. J. Lovett, for cauliflowers, | 1 00 |
| To E. C. Stevens, for pumpkins, | 1 00 |
| To W. W. Wheildon, for gourds, | 1 00 |
| To M. H. Simpson, for the same, | 1 00 |
| To F. Dana, for State of Maine potatoes, | 1 00 |
| To M. Davis, for Davis potatoes, | 1 00 |
| To E. C. Stevens, for cucumbers and Kohl Rabl, | 1 00 |
| To A. Parker, for cauliflowers, | 2 00 |

For the Committee,

HENRY BRADLEE, *Chairman.*

## REPORT OF THE COMMITTEE OF ARRANGEMENTS

### FOR THE TWENTY-SEVENTH ANNUAL EXHIBITION.

The Committee of Arrangements herewith submit their Report:—

Although the time was limited to your Committee in preparing the Hall, in consequence of it being occupied by other parties, yet everything was in readiness at the usual time of opening the Exhibition. An arch was constructed over the main entrance, leading from Winter Street, and was tastefully decorated with streamers, flags and evergreens. The main body of the Hall was occupied by five tables for the Fruit. On either side, under the galleries, were stands for Flowers; while the space under the main gallery, at the north part of the Hall, was devoted to Vegetables. Pot Plants and Designs were arranged on the raised platform; and the whole, when viewed from the gallery, presented a complete panorama of Flora and Pomona.

The display of Fruits was superior to any former exhibition of the Society, owing mainly to the very small quantity of inferior specimens. The display of Flowers was far superior; the dahlias alone surpassing any exhibition of the past four years: but the Committee regret that the space allotted to that department was limited. Of Pot Plants we had a fine display; and your Committee are gratified that the list of premiums offered for the ensuing year, for contributions from the conservatory, has been much increased, as they regard this department as one of the leading features of our exhibitions. The variety and excellence of Vegetables exceeded any former exhibition, and truly did they appear to be the sum and substance. The many Designs presented a fine appearance, and added greatly to the interest of the Exhibition. Many of them, the Committee have no doubt, could have been improved, had Dame Nature been consulted oftener by the artists during their erection.

Your Committee are aware that many improvements could be made with regard to our Annual Exhibitions; and it would facilitate the action of the Committee, if members would seasonably offer such suggestions as present themselves to their minds; and thereby much of the bustle and confusion always attendant upon our Annual Exhibition would be prevented. It is quite evident, from our experience of the past four years, that canvas is not a sufficient protection from the weather; and it is to be hoped that, in future, all exhibitions will be held in a proper building, both on account of the comfort of the public and the security of the contributions. The past Exhibition was undoubtedly more appreciated by the members of the Society, and also by the public, who certainly expressed their full approbation of the same. The Music Hall, owing to the many conveniences connected therewith, is unquestionably better adapted than any other building in the city. The access is easy for teams; and, more than all, the advantage of

seats for many hundred visitors should certainly be taken into consideration, as it obviates the inconvenience of a crowd around the tables.

Your Committee would herewith present the account current of the Exhibition, trusting it will meet the entire approbation of the Society:—

| | | | |
|---|---|---|---|
| Amount of Cash received at Exhibition, | . | . | $2,053 25 |
| " paid sundry bills, as per vouchers, | . | $1,922 23 | |
| " paid W. R. Austin, Treas. M. H. S., | | 131 02 | |
| | | | $2,053 25 |

All of which is respectfully submitted.

F. Lyman Winship, *Chairman.*

## REPORT OF THE LIBRARY COMMITTEE.

The Committee on the Library beg leave to submit their Report:—

During the past year, the additions to the Library have been limited. No appropriation was made last year, and your Committee did not feel authorized to expend any larger amount than was necessary to continue the serial works, of which quite a number are taken by the Society. The purchases of books have been confined to some small volumes, with the exception of two valuable works: one, "The Book of the Garden," by Mackintosh, two vols.; and the "Album de Pomologie" of Bivort, with beautiful colored plates, one of the best works published on Pomology in Europe. The Society only possess volumes three and four, but they hope to be able to secure the first and second, which are very scarce.

In view of further additions of new works, of which there are several the Society should possess, they would ask the same appropriation heretofore made, viz., one hundred and fifty dollars.

The Committee would again call the attention of the Society to the condition of the books, which, as they reported last year, are subject to too much damp. Owing to the care of the Librarian, and his constant habit of keeping up a good fire during the cold weather, he has obviated in a degree the moisture of the room. But it is only by judicious management that they have not been in some degree injured, particularly the expensive volumes with colored plates. If, at any future day, any alteration should be made in the Library Room, your Committee trust that it will be so constructed as to be free from damp.

The Librarian reports the gratifying fact, that the books are taken out by the members to a greater extent than heretofore, showing the interest they feel in the subject of Horticulture. To keep up this increasing interest, it is important that every really useful work should be found in the Library.

Respectfully submitted.

C. M. Hovey, *Chairman.*

# SCHEDULE OF PRIZES

## FOR 1856.

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BOSTON, JANUARY 6, 1856.

The Committee for establishing Prizes respectfully submit and recommend the following Schedule of Prizes for the year 1856.

For the Committee,

EBEN. WIGHT.

*Approved by the Executive Committee.*

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### AMOUNT OF PRIZES.

| | |
|---|---|
| Prospective Prizes, | $750 00 |
| For Gardens, Greenhouses, &c. | 200 00 |
| For Fruits, | 750 00 |
| For Plants, Flowers, and Designs, | 750 00 |
| For Floral Designs, at the Annual Exhibition, | 200 00 |
| For Vegetables, | 250 00 |
| | $2900 00 |

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### PROSPECTIVE PRIZES,

For objects to be originated subsequent to A. D. 1846, and which, *after a trial of five years*, shall be deemed equal or superior, in quality and other characteristics, to any now extant.

| | |
|---|---|
| For the best seedling Pear, the Society's large Gold Medal, valued at | $60 00 |
| " " " " Apple, " " " " | 60 00 |
| " " " " Hardy Grape, " " " | 60 00 |
| " " " " Plum, the Appleton Gold Medal, | 40 00 |
| " " " " Cherry, the Lowell Gold Medal, | 40 00 |
| " " " " Tree Peony, the Appleton Gold Medal, | 40 00 |
| " " " " Herbaceous Peony, the Lowell Gold Medal, | 40 00 |
| " " " " Potato, the Society's large Gold Medal, | 60 00 |
| Amount carried forward, | $400 00 |

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| Amount brought forward, . . . . | $400 00 |

*After a Trial of Three Years.*

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| For the best seedling Strawberry, the Lyman Plate, . . | 50 00 |
| " " " " Raspberry, the Bradlee Plate, . . | 40 00 |
| " " " " Hardy Rose, the Society's large Gold Medal, | 60 00 |
| " " " " Camellia, the Society's large Gold Medal, . | 60 00 |
| " " " " Azalea indica, the Lowell Gold Medal, . | 40 00 |
| " " " " Blackberry, . . . . . | 40 00 |
| " " " " Gooseberry, . . . . . | 30 00 |
| " " " " Currant, Red or White, . . . | 30 00 |
| | $750 00 |

## PRIZES FOR GARDENS, GREENHOUSES, &c.

AMOUNT APPROPRIATED, TWO HUNDRED DOLLARS.

ORDERED, *That the following Prizes, to be awarded in* 1856, *be offered by the Society, viz.:*

| | |
|---|---|
| For the most economically managed, best cultivated, and most neatly kept Garden or Grounds, through the season, . | $20 00 |
| For the second best, . . . . . | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Fruit Garden, through the season, . . | 20 00 |
| For the second best, . . . . . | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Flower Garden, through the season, . . | 20 00 |
| For the second best, . . . . . | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Vegetable Garden, through the season, . . | 20 00 |
| For the second best, . . . . . | 10 00 |
| For the best managed, most economically conducted, and well kept Greenhouse, through the season, . . . | 20 00 |
| For the second best, . . . . . | 10 00 |
| For the best managed, most economicallly conducted, and well kept Grapery, through the season, with or without fire heat, | 20 00 |
| For the second best, . . . . . | 10 00 |
| For the best managed Cemetery, as to its keeping in accordance with the true principles of beauty and art, . . . | 20 00 |
| | $200 00 |

RULES AND REGULATIONS.

1st. All applications for a visit must be made to the Chairman on or before the 1st of July, stating the extent of grounds, number of fruit trees, whether offered for a prize, and such general outline as to give to the Committee some idea of the premises.

2d. No Fruit Garden or Grounds of less than one acre (and this well stocked and under fine cultivation) can occupy the time of the Committee.

3d. No *farm* will be visited, unless there should be connected with it a fine Fruit Garden, Vegetable Garden, Flower Garden, Greenhouse, or Graperies, in which case these *alone* will be examined.

4th. It shall be the duty of the Committee to select from the applications those which may seem most deserving of notice, and to visit as many places, and as often, as they may deem expedient and necessary.

5th. In making all examinations, the utmost regard must be paid to economy and general thrift; in cases, however, of pleasure, landscape, or fancy grounds, more allowance must be made for taste and design, and a gratuity or complimentary notice may be made at the discretion of the Committee.

6th. No place will be visited officially, with reference to an award, without a written invitation.

7th. All visits will be conducted without previous notice to the owner, and if made out of season, or under unfavorable circumstances, due allowance will be made.

8th. No person shall be a competitor for the highest prize for more than two years out of seven.

9th. The Committee may, at their discretion, give gratuities or substitute gratuities for prizes, in either case which may best serve the objects of the Society, and meet special cases, always of course within the limits of the appropriation.

10th. Competitors for the prizes shall furnish to the Committee, if required, a written statement of their mode of cultivation, quantity and kind of manure applied, amount of labor, including their own, and other particulars called for, under the penalty of a forfeiture of such prize if withheld.

11th. The expenses of the Committee shall be paid by the Society, and a record shall be kept by the Chairman of all places visited.

## PRIZES FOR FRUITS DURING THE SEASON.

AMOUNT APPROPRIATED, SEVEN HUNDRED AND FIFTY DOLLARS.

☞ The Prizes and Gratuities will be awarded on the following days:—

For Cherries, forced Grapes, forced Peaches, and Strawberries, on the last Saturday in July.

For Summer Apples, Apricots, Blackberries, Currants, Gooseberries, Summer Pears, and Raspberries, on the last Saturday in August.

For Foreign and Native Grapes, Nectarines, Peaches, Plums, and Musk Melons, on the last Saturday in October.

For Autumn Apples, Figs, Autumn Pears, and Quinces, on the last Saturday in November.

For Winter Apples, Winter Pears, New Pears, and for the "Exhibition during the season," on the third Saturday in December.

☞ Competitors for Prizes are particularly referred to the Rules and Regulations, which will be strictly adhered to by the Committee.

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|---|---|
| For the best and most interesting exhibition of Fruits during the season, the Lowell plate, valued at | $15 00 |
| For the second best, | 10 00 |
| For the third best, | 7 00 |
| APPLES.—For the best twelve Summer Apples, on or before the last Saturday in August, | 6 00 |
| For the second best, | 4 00 |
| For the best twelve Autumn Apples, on or before the last Saturday in November, | 6 00 |
| For the second best, | 4 00 |
| For the best twelve Winter Apples, on or before the third Saturday in December, | 6 00 |
| For the second best, | 4 00 |
| APRICOTS.—For the best twelve, on or before the last Saturday in August, | 3 00 |
| For the second best, | 2 00 |
| BLACKBERRIES.—For the best specimens, not less than two boxes, | 5 00 |
| For the second best, | 4 00 |
| For the third best | 3 00 |
| For the fourth best, | 2 00 |
| CHERRIES.—For the best specimens, not less than two boxes, | 4 00 |
| For the second best, | 3 00 |
| For the third best, | 2 00 |
| Amount carried forward, | $90 00 |

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| Amount brought forward, . . . . | $90 00 |
| Currants.—For the best specimens, not less than two boxes, . | 3 00 |
| For the second best, . . . . . | 2 00 |
| Figs.—For the best twelve specimens, . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| Gooseberries.—For the best specimens, not less than two boxes, | 3 00 |
| For the second best, . . . . . | 2 00 |
| Grapes.—For the best specimens grown under glass, on or before the first Saturday in July, . . . . | 8 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 4 00 |
| For the best specimens grown under glass subsequently to the first Saturday in July, . . . . | 8 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 4 00 |
| For the best specimens of Native Grapes, . . . | 6 00 |
| For the second best, . . . . . | 5 00 |
| For the third best, . . . . . | 4 00 |
| For the fourth best, . . . . . | 3 00 |
| For the fifth best, . . . . . | 2 00 |
| Melons.—For the best Musk Melon grown under glass, on or before the last Saturday in July, . . . . | 3 00 |
| For the best Musk Melon, open culture, on or before the last Saturday in September, . . . . | 2 00 |
| For the best Water Melon, on or before the last Saturday in September, . . . . . | 2 00 |
| Nectarines.—For the best twelve specimens, . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| Peaches.—For the best twelve specimens, grown under glass, on or before the second Saturday in July, . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the best twelve specimens, grown in open culture, . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| For the fourth best, . . . . . | 2 00 |
| Pears.—For the best collection, not exhibited before this year, with a written description of the same, the Society's plate, | 10 00 |
| For the second best, . . . . . | 6 00 |
| For the best twelve Summer Pears, on or before the last Saturday in August, . . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| For the best twelve Autumn Pears, on or before the last Saturday in November, . . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Amount carried forward, . . . . | $231 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $231 00 |
| For the best twelve Winter Pears, on or before the third Saturday in December, . . . . . | 6 00 |
| For the second best, . . . . . | 5 00 |
| For the third best, . . . . . | 4 00 |
| For the fourth best, . . . . . | 3 00 |
| PLUMS.—For the best specimens, not less than two boxes, . | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| QUINCES.—For the best twelve specimens, . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| RASPBERRIES.—For the best specimens, not less than two boxes, | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| STRAWBERRIES.—For the best specimens, not less than two boxes, | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| For the fourth best, . . . . . | 2 00 |

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## PRIZES FOR FRUITS.

*To be awarded during the Annual Exhibition.*

| | |
|---|---|
| APPLES.—For the best thirty varieties, of twelve specimens each, the Lyman plate, valued at . . . . | $20 00 |
| For the second best, . . . . . | 15 00 |
| For the third best, . . . . . | 12 00 |
| For the fourth best, . . . . . | 10 00 |
| For the best twenty varieties of twelve specimens each, . | 15 00 |
| For the second best, . . . . . | 12 00 |
| For the third best, . . . . . | 8 00 |
| For the fourth best, . . . . . | 6 00 |
| For the best ten varieties, of twelve specimens each, the Society's plate, valued at . . . . . | 10 00 |
| For the second best, . . . . . | 8 00 |
| For the third best, . . . . . | 6 00 |
| For the fourth best, . . . . . | 4 00 |
| For the best dish of Apples, twelve specimens of one variety, . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| For the fourth best, . . . . . | 2 00 |
| PEARS.—For the best thirty varieties, of twelve specimens each, the Lyman plate, valued at . . . . | 20 00 |
| For the second best, . . . . . | 15 00 |
| For the third best, . . . . . | 12 00 |
| For the fourth best, . . . . . | 10 00 |
| **Amount carried forward, . . . .** | **$483 00** |

| | |
|---|---|
| Amount brought forward, | $483 00 |
| For the best twenty varieties of twelve specimens each, | 15 00 |
| For the second best, | 12 00 |
| For the third best, | 8 00 |
| For the fourth best, | 6 00 |
| For the best ten varieties, of twelve specimens each, the Society's plate, valued at | 10 00 |
| For the second best, | 8 00 |
| For the third best, | 6 00 |
| For the fourth best, | 4 00 |
| For the best dish of Pears, twelve specimens of one variety, | 5 00 |
| For the second best, | 4 00 |
| For the third best, | 3 00 |
| For the fourth best, | 2 00 |
| PEACHES.—For the largest and best collection, of not less than four varieties, | 5 00 |
| For the second best, | 4 00 |
| For the third best, | 3 00 |
| For the fourth best, | 2 00 |
| PLUMS.—For the largest and best collection, of not less than four varieties, | 5 00 |
| For the second best, | 4 00 |
| For the third best, | 3 00 |
| For the fourth best, | 2 00 |
| ASSORTED FRUIT.—For the best basket of Fruit, of various kinds, | 12 00 |
| For the second best, | 10 00 |
| For the third best, | 8 00 |
| For the fourth best, | 6 00 |
| For the fifth best, | 5 00 |
| For the sixth best, | 4 00 |
| For the seventh best, | 3 00 |
| For the eighth best, | 2 00 |
| GRAPES.—For the best five varieties, two bunches each, | 10 00 |
| For the second best, | 8 00 |
| For the third best, | 6 00 |
| For the fourth best, | 4 00 |
| For the best two varieties, two bunches each, | 5 00 |
| For the second best, | 4 00 |
| For the third best, | 3 00 |
| For the fourth best, | 2 00 |
| For the largest and best collection, not less than six varieties, | 10 00 |
| For the second best, | 8 00 |
| For the third best, | 6 00 |
| For the fourth best, | 4 00 |
| GRATUITIES to be awarded in Publications, | 36 00 |
| | $750 00 |

## PRIZES FOR PLANTS, FLOWERS, BOUQUETS AND DESIGNS.

AMOUNT APPROPRIATED, SEVEN HUNDRED AND FIFTY DOLLARS.

| | |
|---|---|
| CAMELLIAS.—Prizes to be awarded second Saturday in January. For the best twelve varieties of cut flowers with foliage, a prize of | $8 00 |
| For the second best, | 6 00 |
| For the third best, | 4 00 |
| GREENHOUSE AZALEAS.—Prizes to be awarded second Saturday in March. For the best six varieties in pots, | 8 00 |
| For the second best, | 6 00 |
| For the third best, | 4 00 |
| | $36 00 |

### OPENING OF THE HALL.

Prizes for displays of Greenhouse Plants in Pots, and for Cut Flowers, to be awarded at the opening of the Hall, on the second Saturday in May.

| | |
|---|---|
| PELARGONIUMS.—For the best six varieties, grown in pots, a premium of | $10 00 |
| For the second best, | 8 00 |
| For the third best, | 6 00 |
| FUCHSIAS.—For the best six varieties, in pots, | 8 00 |
| For the second best, | 6 00 |
| For the third best, | 4 00 |
| CALCEOLARIAS.—For the best six varieties, | 5 00 |
| For the second best, | 3 00 |
| For the third best, | 2 00 |
| CINERARIAS.—For the best six varieties, | 5 00 |
| For the second best, | 3 00 |
| For the third best, | 2 00 |
| HEATHS.—For the best varieties, | 6 00 |
| For the second best, | 5 00 |
| For the third best, | 4 00 |
| EPACRIS.—For the best varieties, | 5 00 |
| For the second best, | 3 00 |
| For the third best, | 2 00 |
| GREENHOUSE PLANTS.—For the best display of not less than ten pots, regard to be had to new and rare varieties, and well grown specimens, a prize of | 15 00 |
| For the second best, | 12 00 |
| For the third best, | 10 00 |
| For the fourth best, | 8 00 |
| Amount carried forward, | $168 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $168 00 |
| Cut Flowers.—For the best display, a prize of, . . | 6 00 |
| For the second best, . . . . . | 5 00 |
| For the third best, . . . . . | 4 00 |
| For the fourth best, . . . . . | 3 00 |
| For the fifth best, . . . . . | 2 00 |
| Hyacinths.—For the best display, not less than ten varieties, . | 4 00 |
| For the second best, . . . . . | 3 00 |

*Prizes to be awarded at the Weekly Exhibitions for the Season.*

| | |
|---|---|
| Tulips.—Prizes to be awarded the third Saturday in May. | |
| For the best twenty distinct varieties, a prize of . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| Pansies.—Prizes to be awarded the fourth Saturday in May. | |
| For the best twelve distinct varieties, in pots, a prize of . | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Hawthorns.—Prizes to be awarded fourth Saturday in May. | |
| For the best display, a prize of . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| Hardy Azaleas.—Prizes to be awarded fourth Saturday in May. | |
| For the best display, a prize of . . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| Shrubby Peonies.—Prizes to be awarded fourth Saturday in May. | |
| For the best six varieties, a prize of . . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| Herbaceous Peonies.—Prizes to be awarded second Saturday in June. | |
| For the best ten varieties, having regard to the number of varieties, a prize of . . . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| Aquilegias.—Prizes to be awarded second Saturday in June. | |
| For the best display, a prize of . . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Pinks.—Prizes to be awarded third Saturday in June. | |
| For the best six distinct varieties, a prize of . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Amount carried forward, . . . . | $278 00 |

| | |
|---|---|
| Amount brought forward, . . . . . | $278 00 |

HARDY ROSES.—Prizes to be awarded third Saturday in June.

CLASS I.

| | |
|---|---|
| For the best thirty distinct varieties, a prize of . . . | 8 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 4 00 |
| For the fourth best, . . . . . | 3 00 |

CLASS II.

| | |
|---|---|
| For the best twelve distinct varieties, a prize of . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |

CLASS III.

| | |
|---|---|
| HARDY PERPETUAL ROSES.—For the best ten varieties, a prize of | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| CLIMBING ROSES.—For the best display, not less than six varieties, a prize of . . . . . | 5 00 |
| For the second best, not less than four, . . . | 4 00 |
| For the third best, not less than four, . . . | 3 00 |

SUMMER PHLOXES.—Prizes to be awarded second Saturday in July.

| | |
|---|---|
| For the best ten distinct varieties, . . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |

CARNATIONS AND PICOTEE PINKS.—Prizes to be awarded third Saturday in July.

| | |
|---|---|
| For the best ten varieties, a prize of . . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| HARDY RHODODENDRONS.—For the best display of the season, a prize of . . . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |

DOUBLE HOLLYHOCKS.—Prizes to be awarded third Saturday in July.

| | |
|---|---|
| For the best twelve varieties in spikes, a prize of . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 2 00 |

DOUBLE BALSAMS.—Prizes to be awarded second Saturday in August.

| | |
|---|---|
| For the best eight varieties, in spikes, a prize of . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| For the third best, . . . . . | 1 00 |

PHLOXES.—Prizes to be awarded third Saturday in August.

| | |
|---|---|
| For the best ten distinct varieties, a prize of . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| Amount carrried forward, . . . . | $399 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $399 00 |
| ANTIRRHINUMS.—Prizes to be awarded third Saturday in August. | |
| For the best display, a prize of . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| GERMAN ASTERS.—Prizes to be awarded first Saturday in September. | |
| For the best thirty flowers, not less than ten varieties, . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| For the fourth best, . . . . . | 2 00 |
| STOCKS.—Prizes to be awarded first Saturday in September. | |
| For the best eighteen spikes, not less than six varieties, . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| DAHLIAS.—Prizes to be awarded fourth Saturday in September. | |
| DIVISION A. | |
| *Premier Prize.*—For the best twelve dissimilar blooms, a prize of . . . . . | 8 00 |
| *Specimen Bloom.*—For the best flower, . . . | 3 00 |
| *Various Colors.*—For the best yellow, buff, or orange; purple or maroon; crimson or claret; very dark; white; edged or tipped; scarlet; pink or rose; striped lilac, a prize of $1 each, . . . . . | 12 00 |
| DIVISION B.—CLASS I. | |
| For the best twenty-four dissimilar blooms, . . . | 7 00 |
| For the second best, . . . . . | 5 00 |
| CLASS II. | |
| For the best eighteen dissimilar blooms, . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| HERBACEOUS PERENNIALS.—For the best display through the season, a prize of . . . . . | 8 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 4 00 |
| For the fourth best, . . . . . | 3 00 |
| ANNUALS.—For the best display through the season, a prize of . | 8 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 4 00 |
| For the fourth best, . . . . . | 3 00 |
| FLOWERING SHRUBS.—For the best display through the season, a prize of . . . . . | 8 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 5 00 |
| For the fourth best, . . . . . | 4 00 |
| Amount carried forward, . . . . | $543 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $543 00 |
| BOUQUETS.—For the best display through the season, a prize of, | 6 00 |
| For the second best, . . . . . | 5 00 |
| For the third best, . . . . . | 4 00 |
| For the fourth best, . . . . . | 3 00 |

## POT PLANTS, CUT FLOWERS, BOUQUETS AND DESIGNS.

*Prizes to be awarded at the Annual Exhibition.*

| | |
|---|---|
| BOUQUETS.—For the best pair, suitable for the Bradlee Vases, a prize of the Bradlee plate, valued at . . . | $10 00 |
| For the second best, . . . . . | 6 00 |
| MANTEL AND PARLOR BOUQUETS.—For the best pair, a prize of | 8 00 |
| For the second best, . . . . . | 7 00 |
| For the third best, . . . . . | 6 00 |
| For the fourth best, . . . . . | 5 00 |
| For the fifth best, . . . . . | 4 00 |
| For the sixth best, . . . . . | 3 00 |
| CUT FLOWERS.—For the best display, and best kept during the exhibition, a prize of . . . . . | 10 00 |
| For the second best, . . . . . | 8 00 |
| For the third best, . . . . . | 6 00 |
| For the fourth best, . . . . . | 4 00 |
| For the fifth best, . . . . . | 3 00 |
| POT PLANTS.—For the best display, of not less than twenty pots, a prize of . . . . . | 25 00 |
| For the second best, . . . . . | 20 00 |
| For the third best, . . . . . | 15 00 |
| For the fourth best, . . . . . | 12 00 |
| For the fifth best, . . . . . | 10 00 |
| COXCOMBS.—For the best six in pots, a prize of . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| BALSAMS.—For the best six pots, a prize of . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| For Gratuities, . . . . . | 17 00 |
| | $750 00 |

## FLORAL DESIGNS.

*Subject to articles Nos. 6 and 14 in the Rules and Regulations.*

| | |
|---|---|
| For the best, . . . . . | 40 00 |
| For the second best, . . . . . | 30 00 |
| For the third best, . . . . . | 20 00 |
| For the fourth best, . . . . . | 15 00 |
| For the fifth best, . . . . . | 10 00 |
| For the sixth best, . . . . . | 7 00 |
| Amount carried forward, . . . . | $122 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $122 00 |
| For the seventh best, . . . . . | 5 00 |
| For the eighth best, . . . . . | 4 00 |
| For the ninth best, . . . . . | 3 00 |
| For the tenth best, . . . . . | 2 00 |
| To be awarded as Gratuities in Publications, . . . | 64 00 |
| | $200 00 |

## PRIZES FOR VEGETABLES.

AMOUNT APPROPRIATED, TWO HUNDRED AND FIFTY DOLLARS.

| | |
|---|---|
| ASPARAGUS.—For the earliest and best, previous to the first Saturday in May, not less than two bunches, . . . | $3 00 |
| For the second best, . . . . . | 2 00 |
| For the best open culture, not less than four bunches, . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| BEETS.—For the best (pure blood beet) not less than twelve roots, a prize of . . . . . | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| BROCCOLI.—For the best three heads, a prize of . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| BEANS.—For the best and earliest peck of string beans, a prize of | 3 00 |
| For the best and earliest Lima beans, not less than two quarts, | 3 00 |
| For the second best, . . . . . | 2 00 |
| For the best and earliest variety of shell beans, . . | 3 00 |
| CABBAGE.—For the earliest and best, not less than three heads, a prize of . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| For the best Savoy cabbage, not less than three heads, a prize of | 3 00 |
| For the second best, . . . . . | 2 00 |
| CARROTS.—For the best exhibited, a prize of . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| CAULIFLOWERS.—For the best and largest, during the season, not less than three heads, a prize of . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| CELERY.—For the best and largest blanched, not less than six roots, a prize of . . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| CORN.—For the best and earliest sweet corn, not less than twelve ears, a prize of . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| CUCUMBERS.—For the best pair under glass, previous to the first Saturday in June, a prize of . . . . | 5 00 |
| Amount carried forward, . . . . | $76 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $76 00 |
| For the second best, . . . . . | 3 00 |
| For the best and earliest of open culture, . . . | 3 00 |
| Egg Plants.—For the best display during the season, a prize of | 3 00 |
| For the second best, . . . . . | 2 00 |
| Lettuce.—For the best six heads, before the first Saturday in July, a prize of . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| Onions.—For the earliest and best three bunches, . . | 2 00 |
| Potatoes.—For the best and earliest peck, previous to August 1, | 3 00 |
| For the second best, . . . . . | 2 00 |
| Peas.—For the best and earliest peck in June, a prize of . | 3 00 |
| For the second best, . . . . . | 2 00 |
| For the best peck of late, . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| Rhubarb.—For the largest and best, previous to the first Saturday in July, not less than twelve stalks, a prize of . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| Squashes.—For the earliest and best, a prize of . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| For the best marrow during the season, . . . . | 3 00 |
| Tomatoes.—For the best and earliest, not less than one dozen, . | 3 00 |
| Vegetables.—For the best display and greatest variety at the weekly exhibitions, during the season, . . . | 10 00 |
| For the second best, . . . . . | 6 00 |

*To be awarded at the Annual Exhibition.*

| | |
|---|---|
| For the best display and greatest variety, . . . . | 15 00 |
| For the second best, . . . . . | 10 00 |
| For the third best, . . . . . | 8 00 |
| For the fourth best, . . . . . | 6 00 |
| For the fifth best, . . . . . | 4 00 |
| For any new variety of vegetable suitable for the table, and worthy of cultivation, other than seedling potatoes, . . | 5 00 |
| For Gratuities to be awarded in publications, . . . | 61 00 |
| | $250 00 |

# RULES AND REGULATIONS.

1. All Fruits, Flowers and Vegetables, offered for Prizes, are to be grown by the competitors.

2. Articles exhibited for Prizes must be placed in the Stands by 11 o'clock, A. M.

3. Contributors of Fruits, for exhibition or Prizes, are requested to present the same in dishes or baskets of the Society, or in suitable baskets or boxes of their own.

4. All contributors exhibiting Plants, Flowers, Fruits, or Vegetables, who desire a full report of the same, are requested to hand a list to the Chairman of the respective Committees.

5. After the articles are arranged, they will be under the exclusive charge of the Committees, and *not even the owners* will have liberty to *remove* or *touch* them until the exhibition is closed, when they will be delivered as the contributors may direct.

6. No Flower, Fruit, Vegetable or Design will be entitled to a Prize unless it possesses points of superiority; and the Committees have the discretionary power of withholding Prizes, if, in their opinion, the articles exhibited do not merit them.

7. Plants in Pots, to be entitled to Prizes, must evince skilful culture, in the profusion of bloom, and the beauty, symmetry, and vigor of the specimens.

8. Successful competitors will be expected to furnish remarks on their mode of cultivation, *if peculiar;* and candidates for the Fruit Prizes will be required to present specimens for trial.

9. No article for which a prize has been once awarded, can receive another during the season.

10. The Committee are authorized to award Gratuities for any new or rare Fruits, Flowers, Vegetables, Plants, or Designs of merit, and for which no Prize has been offered.

11. The Fruit Committee, in making their awards, will consider the flavor, beauty, and size of the specimens; and each of these properties as compared with a fair standard of the variety.

12. In deciding on the merits of a Fruit or Vegetable, its value for general cultivation will be taken into account; but *superior* specimens of any good variety will not be excluded from Prizes, even though they may not flourish in all situations.

13. When specimens are presented for a *name*, the exhibitor shall communicate all the information he possesses, as to the *origin* and the *local* appellation.

14. It will be the duty of the Committees to *exclude from Exhibition all inferior specimens.* Also, all such *Designs* as, in their opinion, evince an incorrect taste.

15. The Committees have power to change the time of exhibition for any article, if an earlier or later season renders such change necessary, by giving seasonable notice thereof to the Society.

16. All prizes, not applied for within one year from the time of award, shall revert to the Society for its own use and benefit.

17. No member of any of the Committees for awarding Premiums or Gratuities, shall, in any case, vote or decide respecting an award for which such member may be a competitor, or therein have an interest; but in such case such member or members shall temporarily vacate his place upon the Committee, such vacancy for the time being to be supplied by the remaining members of the Committee.

18. In order to afford the Committees an opportunity to examine and report on the articles exhibited, no other person can be admitted to, or remain in, the Hall, between the hours of eleven and a half, and twelve o'clock, on the days of exhibition.

19. The Society's Premiums are open for the competition of all cultivators.

20. Premiums can be awarded only to exhibitors who have complied with the published Rules and Regulations.

☞ The foregoing Schedule of Prizes, having received the approval of the Executive Committee, and the Regulations confirmed by a vote of the Society, is now published as the List of Prizes for the current year.

*Boston, January*, 1856.

JOS. S. CABOT, PRESIDENT.

F. LYMAN WINSHIP, RECORDING SECRETARY.

# OFFICERS

OF THE

# MASSACHUSETTS HORTICULTURAL SOCIETY.

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## STANDING COMMITTEES.

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ON FLOWERS.—Fearing Burr, Jr., Chairman; Alex. McLellan, E. A. Story, Azell Bowditch, Thomas Page, A. C. Bowditch, E. S. Rand, Jr.

ON VEGETABLES.—D. T. Curtis, Chairman; J. F. C. Hyde, Bowen Harrington, J. B. Moore, Francis Marsh.

ON LIBRARY.—C. M. Hovey, Chairman; J. F. C. Hyde, Samuel Kneeland, Jr., Azell Bowditch; R. McCleary Copeland, Librarian.

ON SYNONYMS OF FRUIT.—M. P. Wilder, Chairman: P. B. Hovey, B. V. French, Samuel Walker, Eben. Wight.

EXECUTIVE COMMITTEE.—Joseph S. Cabot, Chairman; William R. Austin, Marshall P. Wilder, P. B. Hovey, Samuel Walker.

FOR ESTABLISHING PREMIUMS.—Eben. Wight, Chairman; Fearing Burr, Jr., D. T. Curtis, Samuel Walker, F. L. Winship, P. B. Hovey.

FINANCE COMMITTEE.—Marshall P. Wilder, Chairman; Josiah Stickney, Samuel Walker.

OF PUBLICATION.—Eben. Wight, Chairman; Joseph Breck, W. S. King, Henry Bradlee, C. M. Hovey, F. L. Winship, W. C. Strong.

ON GARDENS.—Samuel Walker, Chairman; W. R. Austin, F. L. Winship, Thomas Page, Eben. Wight, Fearing Burr, Jr., D. T. Curtis.

COMMITTEE OF ARRANGEMENTS.—F. L. Winship, Eben. Wight, H. Bradlee, W. R. Austin, C. M. Hovey, W. C. Strong, P. B. Hovey, D. T. Curtis, A. Bowditch, A. McLennan, A. C. Bowditch, F. Burr, Jr., E. S. Rand, Jr.

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The Exhibition will open Tuesday, September 16th, at 12 o'clock, M., and continue open at the discretion of the Committee.

# REPORTS

OF THE

# COMMITTEES FOR 1856,

OF THE

# Massachusetts Horticultural Society,

AND THE

# SCHEDULE OF PRIZES FOR 1857,

WITH THE

ACTS INCORPORATING MOUNT AUBURN CEMETERY AND THE SOCIETY,

AND

A LIST OF MEMBERS.

BOSTON:
HENRY W. DUTTON & SON, PRINTERS,
Nos. 33 & 35 Congress Street.
1857.

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# REPORTS.

## REPORT OF THE COMMITTEE ON GARDENS,

### Awarding Premiums for 1856.

The first visit was made April 24th to the grape-house of Mr. M. H. Simpson, Saxonville. Not being able to join the Committee on that day, we copy entire the notes kindly furnished us by another member: —

"The visit was made on a genial day for the season, and, in-doors, we found all as neat and well cared for as might be expected under the eye of so diligent a cultivator. Mr. Simpson is fortunate in the selection of so good a gardener as is Mr. Burns, one who is ever ready to carry out the wishes of his employer, however arduous the task allotted of constant watchfulness both day and night, for successfully, under the plan adopted by Mr. Simpson, of growing two crops a year, or three crops in two years.

"The grapery is seventy feet in length, divided by glass in the centre. In the first house were the vines under our especial visit, having been started December, 1855. The wood, foliage, and grapes, denoted a healthfulness seldom surpassed in houses where only one crop a year is grown.

"Of the quality of the various varieties of grapes we speak from experience, having luxuriated on the product at a well-spread table, with the vines for a canopy, during the interim of a train of cars.

"Mr. Simpson is of opinion that there is no necessity for the customary period of rest for the vines, and that a period of three or four months is quite sufficient; and, acting on the suggestion of a similar period of rest for vines in Syria, he determined to adopt a course somewhat new. That he has successfully attained his object is evident to every visitor. Of its feasibility, from the enhanced cost of growing grapes to ripen in mid-winter, must alone be determined on by those who grow them as a luxury. Your Committee are ready to bear testimony to its having succeeded in the houses of Mr. S., and merely confine themselves to the plan adopted by, and in the houses of, Mr. Simpson, offering no recommendation for others to adopt a like undertaking, if they are disposed to count the cost."

The second visit (May 30th) was to Salem, by invitation of our President, Hon. J. S. Cabot. Mr. Cabot received us, in his usual free and social manner, at the depot, from which we were conducted to his family mansion, a goodly structure of the olden times, with its gable roof and spacious hall, wearing the air of comfort and cheerful hospitality. Having partaken of

the bounty and abundance of our host, we proceeded to the duties of our visit. Mr. Cabot's garden comprises about two acres, all under the neatest and most finished cultivation. It is, more especially, a *flower* garden, and in it the lovers of flowers and herbaceous plants cannot fail to receive gratification and enjoyment. The bed of tulips (some one hundred and twenty feet long by seven wide), with all the choicest varieties, was a special object of beauty and loveliness; and we could not but regret the absence of our Chairman (Hon. Samuel Walker), whose taste and love for the tulip stands preëminent. The display of pæonies, of various kinds, in large, distinct beds, was not, perhaps, any less attractive; and the pansies were so large and showy as to rivet the attention at once. The collection of shrubbery, plants, and herbaceous peonies, is very extensive, and many of them rare, including the varieties of Mr. Jas. Parmentier. We noticed the Trillium in variety; Phlox divaricata, Caltha palustris, Thalictrum, Anemonies in variety; also Hepaticas, and many others, too numerous to particularize if we could remember their names. The walks were very neat and spacious, edged with box, two years out, free from winter kill, and looking very thrifty and uniform.

The fruit department was not so extensive as we had expected to see, owing in part to the fact that another lot, at some distance (and which we had not time to visit), is appropriated to fruit trees, and also to the presence of large elms in the rear, on the outside of the garden, which extend their greedy roots in all directions, drawing all the moisture within their reach, and effectually paralyzing the healthy growth of fruit trees. It is true the flowers, plants, and shrubbery, did not show any evil effects, and the tulip bed was on the side nearest to the elms; but, at any rate, from some cause, which neither Mr. Cabot nor ourselves could unravel, the pear tree did not flourish well with him, and many old standards seemed to be dying out. We noticed the same fact in regard to a garden adjoining, which formerly produced unsurpassed fruit, and whose proprietor had been noted for his enormous applications of manure. It is quite probable that the inordinate use of stimulants, at some former period, may in part account for the sickly appearance of the trees now. One of the most gratifying features in Mr. Cabot's garden was the entire absence of patches or straggling rows of seedlings. We like to see a gentleman's private garden unmixed with the nursery business; or, if he has a special fondness this way, for his own benefit and amusement, we like to see a spot by itself, appropriated to this alone, and, if *outside* of the garden, so much the better.

Having lingered long among the flowers, we next, by invitation of Mr. Allen, visited his graperies and lily-house. Mr. Allen's graperies have been so frequently visited and reported upon by former committees, and his fame is so extensive, we will merely remark that his industry and zeal are not one whit abated, as he gave us ample evidence in the rich show, under glass, of peaches, figs, and nectarines, besides his usual variety of the grape. Not an inch of ground is unimproved, and we even noticed tomatoes, to fill chinks. Perhaps the point of economy or profit may be nearest attained in this way; but, if we look to neatness and elegance of cultivation alone, we

should say things had a crowded look, and needed more sea-room. We saw the vines which had been treated after Mr. Simpson's plan; but, whether from want of wool-waste, or other cause, the experiment did not work. It seemed to us that the difficulty of supplying sufficient nourishment to such a labyrinth of roots as there must be where vine and trees are so near together, might be one cause of failure. Mr. Allen is much interested in grape seedlings, of which he has quite a number, and we trust some of them will repay his labor. One important quality they certainly, thus far, manifest, viz., hardiness: standing side by side with the Isabella, which in some instances has been winter-killed, they remained thrifty and unharmed. Mr. Allen's lily-house having been described by Mr. Walker, in a previous report, the Committee will only remark that there are other objects of interest besides the Victoria Regia. Hanging on one side of the apartment, as you enter, is seen what at first sight might be taken for Indian trophies, or curiosities from Herculaneum, but which, on a nearer approach, we found to be old pieces of wood, from which grow out, like an excrescence, flowers or plants, drawing their only sustenance, apparently, from wood and air, entirely independent of Mother Earth, and adhering to the wood with as much tenacity as a barnacle to a ship's side. In the same tank with the Victoria Regia may be seen the African lily, and, in other parts of the apartment, various rare plants and flowers. The water in the tank looked green and slimy, like a stagnant pond; and the air, though warm, seemed damp and uncongenial. We took our leave of good old Salem in the five o'clock train, well gratified with our visit.

Our next trip was to Fall River, to visit the garden of Mrs. F. B. Durfee. Being the first invitation from a lady, the Committee felt much interest to see how well a place could be cared for under her guidance and administration, and the result of the examination proved that woman's sphere need not be confined to any one department, but may, when necessary, extend to the soil and pleasure grounds, to which she can do ample honor. The grounds of Mrs. Durfee consist of about two acres, tastefully laid out, and combining most of the leading varieties of fruits and flowers, shrubbery and ornamental trees, grass-plats and banks, walks, hedges, and three graperies. The grounds are undulating and varied, with dense clumps of shade trees and shrubbery, and winding, circuitous walks, giving the appearance of a much larger place, and almost needing a pilot. The greatest point of interest and merit we found to be the graperies, and here it will be but justice to give great credit to Mr. Young, who has been gardener to Mrs. Durfee some nine years, and evidently understands his business thoroughly. The two graperies are forty-eight by twenty-four, span roof, moderate pitch, with twenty-four vines in each, and about twelve different varieties of grape, the Black Hamburgh predominating. In the forcing-house, the fruit was just in perfection, the clusters hanging in rich profusion; and the visitor, on entering, is at once impressed with the perfect order, neatness, and good management. Nothing seems crowded, each vine has space enough, and the eye rests upon no object to mar the beauty of a legitimate grapery. In this house, some five hundred pounds are cut yearly, some of the bunches

attaining the great weight of five pounds two ounces, and the average usually weighing about two pounds. In the cold-house, the same master-hand is apparent, and the show of young fruit looked very promising. Besides these two, the old grape-house, of smaller dimensions, is still kept in use, and has in it a variety from Greece, the slips of which were sent home by Dr. King (name not recollected), of enormous size, rather egg-shaped, and resembling, some, the Black Hamburgh in flavor and color. All the vines looked clean and healthy. Mr. Young informed us that he used common house-soap in washing them, and never any other alkali,—that he took the entire care of the graperies himself, and carried the key in his pocket, where he could always find it. Having said thus much for Mr. Young's superior management of the grape, we must next do him equal justice for the neatness and perfection of his grass-plats and banks, showing a knowledge of lawns acquired only in the old country. Mr. Young does the mowing himself, using an English lawn-scythe, short, but broad blade,—cuts often, say every two or three weeks. He prefers the common street-sod, and, by using no manure or top-dressing of any kind (except when absolutely necessary, to arrest drought), he gets a soft, fine grass. The fruit trees were generally thrifty, but did not show (particularly the pear) that evidence of skill, care, and close pruning, so apparent in the grape-house, there being too much wood on many trees. We noticed some plum trees had been cut back, to get rid of the black wart, and new heads were growing, which, thus far, had escaped from it; but the pest will no doubt come again, and we still think the only remedy is to cut the whole tree down.

It would give us much pleasure to speak of the airy location and fine views of the household, kind hospitality and generous entertainment, but this being no part of our province we must take our leave of our kind hostess, by assuring her, in the words of our Chairman, that "this visit will be among our most pleasing reminiscences." Having a little time to spare we made a friendly call on Dr. Durfee;—he not being at home we made a hasty examination of his garden, attended by his nephews, and found the peach-house sustaining its high reputation. These grounds having been visited last year and reported upon, nothing further need be said here.

July 24th, the Committee visited the residence of Mr. Charles Copeland, at Wyoming;—this lovely spot borders on, and overlooks on the west, the beautiful little lake called "Spot Pond," giving to the place that peculiar enchantment afforded by a near water view. The grounds contain between five and six acres artistically laid out, and under neat cultivation,—about half an acre, sloping to the north-west, and closed in with an Arborvitæ hedge, is devoted to a fruit and vegetable garden;—we noticed the pear trees were of the tall, slim kind, requiring stakes, and illy calculated for our high winds, besides the exposure of a long stem to winter frosts, and the heat of a scorching sun in summer;—the smaller fruits were abundant, and the fruit trees generally thrifty, and another year or two of growth with care and attention will add to the interest of this portion of the estate. At the lower end of the grounds stands a large hot-house with octagon ends;

one of which is devoted to the Camellia, and contains several large and costly plants. We like this way of having things by themselves, and we noticed the flowers were planted out, each prominent variety in a bed by itself, where its beauty could be best seen;—on the borders, and some parts of the ground a greater licence prevailed, and fancy trees and shrubbery were intermingled with plants and flowers, and wanting only time and growth to give increased attraction. Mr. Copeland has a windmill on his barn, which operates a pump that forces water from the pond into a reservoir in the barn loft;—this water supplies a very pretty fountain near the hot-house, and also several jets about the grounds, and is very convenient for watering with a hose. The walks and driveway were neatly kept, and the lawns, grass plats, and flower beds, all in fine order; with so much natural beauty and variety of scenery, and a large amount of artificial and expensive aid, it was gratifying to see that the main chance was not lost sight of, and that economy and thrift was equally combined with a laudable ambition for taste and display. Mr. Copeland owns a farm of about seventy acres, a short ride distant, which he invited us to visit, but the day being very hot, and our business not being with farms, we merely rode to it, and under the shade of a large tree unanimously conceded that all was right on the farm, and expressed our willingness to return to the cool shade and comfortable seats we had just left.

Having some lovers and connoisseurs of stock among us we took a walk after dinner to the pasturage to see the cows;—they were fine specimens of natives and cross breeds, and good milkers;—the skim milk goes to the pigs, in the raising of which Mr. Copeland has been very successful, having sold about one thousand young pigs within the last two or three years of the Suffolk breed, most of them for ten dollars a piece. We cannot close this brief notice without expressing the satisfaction and pleasure we experienced from the visit, and which we trust was mutual.

July 31st, the Committee visited two of the oldest and most famed seats in Massachusetts, viz., the Governor Gore estate in Waltham, and the "Oakley Place," or Pratt estate in Watertown. On entering these grounds the visitor is impressed with the vast space and grandeur of all around him;—the spacious lawns and noble forest trees of a century's growth, and the large and airy dwellings bespeak the olden times when land was sold by the foot only on the sea board, near the large cities. Our visit was more especially to the Governor Gore estate, now owned by Mr Walker, who had given timely notice (within our rules) for an official visit. Mr. Pratt had also expressed his desire to see the Committee, and we accordingly made him an incidental call on our way, and had time served should have been pleased to have made a more extended examination. It will be enough, perhaps, to say of this well known place, that it maintains, if it does not surpass, its long established reputation. We found the garden, the lawn, the conservatory, and the graperies, all in the finest order, and if there was any one thing more than another worthy of especial notice, it was the graperies and flower department;—the grapes hung in thick clusters equally dispensed, and the quality or flavor of the berries surpassed any we

had this year eaten, owing partly, no doubt, to the high and favorable location of the houses, and the root borders being high above the level of the ground. A rich profusion of flowers ornamented the garden, and met the eye in all directions, and in the conservatory were many rich and fine specimens. It was very apparent that Mr. Pratt possessed a natural taste for flowers, and had gratified it to a liberal extent;—leaving to an editorial gentleman with us to do justice to the extensive views and natural beauties of this old and noted residence, we must proceed on with our notice to Waltham.

The Governor Gore estate, now owned and occupied by T. W. Walker, Esq., consists of some one hundred and forty acres;—about thirty-five acres of this, called "the manor," pertains to the mansion, and the rest is devoted to farming; a large portion of it is under tillage, and the rest in grass, grain and woodland. We must speak first of the manor lot, which comes under the head of Horticulture. This is divided into shade grounds, an extensive lawn, a large fruit and flower garden, greenhouses, vegetable department, with the usual walks, drive-ways, out-buildings, &c. The garden being large and roomy, the tastefully arranged flower beds and fancy walks showed to good advantage, and in better taste than when attempted on a smaller scale. In the centre of the garden stands a lovely little gem of an arbor or bower, of unique and most perfect construction, at once rural, artistic and appropriate. The flower beds were neat, rich and varied, and the grass plats in the garden short, fine, and well kept. The extensive lawn, sloping from the mansion to the road, Mr. Walker designs to bring into fine grass another year, and intends importing from England a newly invented machine for close cutting, gathering in, and rolling, all at the same time. At the lower end of the garden is a hot-house, in which are some well trained fig trees, with a good show of fruit on them. On a high brick wall, and also on a circular trellis, were a number of trained pear trees; although neatly trained they did not (with one or two exceptions) look thrifty, nor were the varieties generally of the best;—they had evidently been sometime out, and probably had been allowed to bear too much in former years. In passing on to the vegetable department, the evidence of skill, care, and thorough knowledge, was strikingly apparent;—all the most choice vegetables were seen in high perfection, and the egg plants were especial objects of comment;—we ought, perhaps, to state here that Mr. Walker has been fortunate in retaining the service of Mr. Robert Murray, who has been Superintendent, and had the general care of the place for twenty-one years, and is a very industrious, intelligent, and zealous cultivator, as well as a capable and most worthy man. Did it come within our rules we could speak in detail of the good management and good order of the farm, and especially of Mr. Murray's system of accounts, but deferring this to the agricultural committee, we must leave it again to our editorial friend to speak of the many objects of interest about this rich old mansion, and of the social and happy hour, after our examination, passed with its generous owner.

The last visit (August 28th) was to the grounds and nurseries of the

Messrs. Hovey, Cambridge. A pleasant ride on the horse-railroad took us near the residence of Mr Hovey, and we at once commenced our examination. We first looked into the principal conservatory, a building 84 by 22, span roof, and devoted to pot plants, and also containing some thirty grape vines, which have produced this season from four to five hundred pounds of grapes. There are also three or four large conservatories used for flowers, pot plants, &c., all showing much care and attention;—some members of the flower committee present with us expressed much gratification with the flower and ornamental department generally. The healthy appearance of a fine collection of Camellias was especially noticed, as also the great beauty of the large beds of Japan lily, Verbenas, Phlox, &c., all of which were in fine order. We next proceeded, under the lead of Mr. Hovey, to an examination of the nursery (some forty acres in extent) with all things pertaining thereto, spacious walks, or avenues, and the borders lined with some twenty-five hundred specimens of pear trees, (about half of them on the Quince root) nearly all in a bearing state, and some of them handsomely loaded with fruit. The trees were mostly vigorous and thrifty, and many of them quite out of reach of the pruning shears or knife. We noticed many of the newer varieties in bearing, affording a fine opportunity for comparing notes, and forming a judgment which the pear growers among us seemed fully to appreciate. Having spent over two hours in making the rounds, we returned to the cottage well pleased with our examination, and satisfied that Mr. Hovey could not have much leisure time, superintending, as he does, personally, every department of his profession. At a table of refreshments, which Mr. Hovey saw fit to provide, we had the pleasure of tasting some twenty of the best varieties of the summer pear, besides grapes, figs, &c. An hour soon passed in mutual improvement and social chat, and we took our leave. The invitation for this visit being late and informal, it will be considered unofficial, and without reference to a prize.

The Committee cannot close this report without expressing their high approval of this portion of the Society's labors. A spur and new life has been given to Horticulture, and a laudable ambition and emulation encouraged. The rich specimens of fruit which adorn our tables, and compete for the prizes, are now, in most instances, but fair and true representatives of the gardens from which they come, and need not be ashamed of the place where they grew. We are happy to believe that the pleasure and satisfaction of these visits have been mutual. Few persons are without the desire for praise or approval, which it is always a satisfaction to receive from those considered best competent to judge and having official position; the awarding of liberal premiums, and a careful inspection, when invited, of the numerous and increasing gardens dotted over this Commonwealth, may be justly considered a good substitute for an "Experimental garden," (one of the early objects of this Society) and perhaps is the best method of expending our funds for the promotion of Horticulture and improved gardening. The Committee respectfully ask for the ensuing year the further sum of fifty dollars to be added to the customary appropriation for gardens.

PREMIUMS AWARDED.

| | |
|---|---|
| For the neatest kept, most attractive, and showy Flower garden, to Hon. Joseph S. Cabot, | $20 00 |
| For the second best, to T. W. Walker, Esq., | 10 00 |
| For the best managed, most economically conducted, and well kept graperies, to Mrs. Durfee, | 20 00 |
| For the best cultivated and most luxuriant vegetable department, T. W. Walker, Esq., | 20 00 |
| For the most economically managed, best cultivated, and most neatly kept pleasure grounds, to Chas. Copeland, | 20 00 |

GRATUITIES.

| | |
|---|---|
| For the fine condition of his grounds generally, and especially for the grapery and flower department, to Geo. W. Pratt, Esq., | 20 00 |
| To Mr. Young, Mrs. Durfee's gardener, for the fine and neat condition of his grass plats, lawns and banks, | 10 00 |
| To Hovey & Co., for their fine specimens of pears and strawberries, and splendid bed of Japan lilies, | 20 00 |

Respectfully submitted,

Wm. R. Austin, *for the Committee.*

## REPORT OF THE COMMITTEE ON FLOWERS,

### Awarding Premiums for 1856.

Camellias.—For the best twelve varieties of cut flowers, to Galvin & Hogan, . . . . . $8 00
For the second best, to M. P. Wilder, . . 6 00

### OPENING OF THE HALL.

Pelargoniums.—For the best six varieties, grown in pots, to Thos. D. Halley, . . . . . 10 00
Fuchsias.—For the best six varieties, in pots, to W. C. Strong, . 8 00
Calceolarias.—For the best six varieties, to T. D. Halley, . 5 00
For the second best, to Hovey & Co., . . . 3 00
For the third best, to A. Bowditch & Son, . . . 2 00
Cinerarias.—For the best six varieties, to Hovey & Co., . 5 00
Heaths.—For the best varieties, to T. D. Halley, . . 6 00
Greenhouse Plants.—For the best display of not less than ten pots, to Hovey & Co., . . . . . 15 00
For the second best, to M. P. Wilder, . . . 12 00
For the third best, to E. S. Rand, Jr., . . . 10 00
Cut Flowers.—For the best display, to E. S. Rand, Jr., . 6 00
For the second best, to J. Nugent, . . . 5 00
For the third best, to T. Page, . . . . 4 00
For the fourth best, to M. B. Williams, . . . 3 00
For the fifth best, to T. S. Whytall, . . . 2 00
Hyacinths.—For the best display, not less than ten varieties, to R. M. Copeland, . . . . . 4 00
Tulips.—For the best twenty distinct varieties, to Breck & Son, . . . . . 5 00
Pansies.—For the best twelve distinct varieties, in pots, to P. Barnes, . . . . . 4 00
For the second best, to E. S. Rand, Jr., . . . 3 00
Hawthorns.—For the best display, to E. A. Story, . . 3 00
For the second best, to J. A. Kenrick, . . . . 2 00
Hardy Azaleas.—For the best display, to Hovey & Co., . 6 00
For the second best, to E. A. Story, . . . 4 00
For the third best, to J. A. Kenrick, . . . 3 00
Shrubby Peonies.—For the best six varieties, to M. P. Wilder, 5 00
For the second best, to J. S. Cabot, . . . 4 00
For the third best, to J. Breck & Son, . . . 3 00
Herbaceous Peonies.—For the best ten varieties, to Hovey & Co., 5 00
For the second best, to J. Breck & Son, . . . 4 00
For the third best, to M. P. Wilder, . . . 3 00
Aquilegias.—For the best display, to E. S. Rand, Jr., . . 5 00
For the second best, to P. Barnes, . . . . 3 00
For the third best, to J. Breck & Son, . . . 2 00

PINKS.—For the best six distinct varieties, to J. Breck & Son, . $5 00
For the second best, to P. Barnes, . . . . 3 00
HARDY ROSES.—Class I.—For the best thirty distinct varieties, to M. P. Wilder, . . . . . 8 00
For the second best, to Evers and Bock, . . . 6 00
For the third best, to J. Breck & Son, . . . 4 00
For the fourth best, to Galvin & Hogan, . . . 3 00
Class II.—For the best twelve distinct varieties, to W. C. Strong, 5 00
For the second best, to J. Breck & Son, . . . 3 00
For the third best, to E. S. Rand, Jr., . . . 2 00
Class III.—*Hardy Perpetual Roses.*—For the best ten varieties, to M. P. Wilder, . . . . . 5 00
For the second best, to Wm. J. Underwood, . . 4 00
For the third best, to Galvin & Hogan, . . . 3 00
*Climbing Roses.*—For the best display, not less than six varieties, to J. Nugent, . . . . . 5 00
For the second best, not less than four, to E. S. Rand, Jr., . 4 00
SUMMER PHLOXES.—For the best ten distinct varieties, to Hovey & Co., . . . . . 5 00
For the second best, to J. Breck & Son, . . . 4 00
CARNATIONS AND PICOTEE PINKS.—For the best ten varieties, to A. Bowditch & Son, . . . . . 5 00
For the second best, to C. F. Chaplin, . . . 4 00
For the third best, to J. Nugent, . . . . 3 00
HARDY RHODODENDRONS.—For the best display of the season, to E. S. Rand, Jr., . . . . . 6 00
For the second best, to Hovey & Co., . . . 4 00
DOUBLE HOLLYHOCKS.—For the best twelve varieties in spikes, to Hovey & Co., . . . . . 5 00
For the second best, to P. Barnes, . . . . 4 00
For the third best, to J. Breck & Son, . . . 2 00
DOUBLE BALSAMS.—For the best eight varieties, in spikes, to W. J. Underwood, . . . . . 3 00
For the second best, to J. Nugent, . . . . 2 00
For the third best, to E. S. Rand, Jr., . . . 1 00
PHLOXES.—For the best ten distinct varieties, to Hovey & Co., . 5 00
For the second best, to J. Breck & Son, . . . 4 00
For the third best, to J. Nugent, . . . . 3 00
GERMAN ASTERS.—For the best thirty flowers, not less than ten varieties, to Evers & Bock, . . . . 5 00
For the second best, to Hovey & Co., . . . 4 00
For the third best, to J. Nugent, . . . . 3 00
For the fourth best, to A. Bowditch & Son, . . . 2 00
DAHLIAS.—Division A, Premier Prize.
For the best twelve dissimilar blooms, to P. Barnes, . 8 00
*Specimen Bloom.*—For the best flower, to H. K. Oliver, . 3 00

*Various Colors.*—For the best yellow rose, tipped and striped, to Parker Barnes, . . . . . $4 00
For the best crimson; very dark; and scarlet, to Hovey & Co., 3 00
Division B.—Class I.—For the best twenty-four dissimilar blooms, to P. Barnes, . . . . . 7 00
For the second best, to H. K. Oliver, . . . 5 00
Class II.—For the best eighteen dissimilar blooms, to P. Barnes, 6 00
For the second best, to H. K. Oliver, . . . 4 00
Herbaceous Perennials.—For the best display through the season, to P. Barnes, . . . . . 8 00
For the second best, to E. S. Rand, Jr., . . . 6 00
For the third best, to J. Breck & Son, . . . 4 00
For the fourth best, to F. Winship, . . . . 3 00
Annuals.—For the best display through the season, to P. Barnes, 8 00
For the second best, to E. S. Rand, Jr., . . . 6 00
For the third best, to J. Breck & Son, . . . 4 00
For the fourth best, to W. J. Underwood, . . . 3 00
Flowering Shrubs.—For the best display through the season, to P. Barnes, . . . . . 8 00
For the second best, to E. S. Rand, Jr., . . . 6 00
For the third best, to J. Breck & Son., . . . 5 00
For the fourth best, to Galvin & Hogan, . . . 4 00
Bouquets.—For the best display through the season, to J. Nugent, 6 00
For the second best, to Galvin & Hogan, . . . 5 00
For the third best, to J. Winship, . . . . 4 00

PRIZES AWARDED AT THE ANNUAL EXHIBITION.

Bouquets.—For the best pair, suitable for the Bradlee vases, to Hovey & Co. . . . . 10 00
For the second best, to James Nugent, . . . 6 00
Mantel and Parlor Bouquets.—For the best pair, to M. P. Wilder, . . . . . 8 00
For the second best, to Galvin & Hogan, . . . 7 00
For the third best, to F. Winship, . . . . 6 00
For the fourth best, to E. S. Rand, Jr. . . . 5 00
For the fifth best, to George Leland, . . . 4 00
For the sixth best, to T. W. Walker, . . . 3 00
Mantel Bouquets.—For the best pair, to E. W. Carter, . 5 00
Cut Flowers.—For the best display and best kept during the exhibition, to C. Copeland, . . . . 10 00
For the second best, to Parker Barnes, . . . 8 00
For the third best, to F. Winship, . . . . 6 00
For the fourth best, to J. Breck & Son, . . . 4 00
For the fifth best, to E. S. Rand, Jr. . . . 3 00
Pot Plants.—For the best display of not less than twenty pots, to J. P. Cushing, . . . . . 25 00
For the second best, to M. P. Wilder, . . . 20 00

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| For the third best, to Mrs. Pratt, | $15 00 |
| For the fourth best, to T. W. Walker, | 12 00 |
| For the fifth best, to E. S. Rand, Jr. | 10 00 |
| Coxcombs.—For the best six, in pots, to George Leland, | 3 00 |
| For the second best, to T. W. Walker, | 2 00 |
| Balsams.—For the best six, in pots, to T. W. Walker, | 3 00 |
| For the second best, to E. S. Rand, Jr. | 2 00 |
| Floral Designs.—For the best, to Ellen M. Harris, | 40 00 |
| For the second best, to E. S. Rand, Jr. | 30 00 |
| For the third best, to Galvin & Hogan, | 20 00 |

GRATUITIES AT THE ANNUAL EXHIBITION.

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| To J. F. Allen, for leaves and flower of Victoria Regia, | 5 00 |
| To the same, for air plant, | 3 00 |
| To E. S. Rand, Jr., for Nymphea cerulea, one copy of Allen's Victoria Regia. | |
| To the same, for 25 pots Asters, | 2 00 |
| To the same, for bouquets, | 2 00 |
| To the same, for Tympananthes suberosa, | 2 00 |
| To Mrs. L. Cunningham, for myrtle, | 2 00 |
| To Galvin & Hogan, for balsams, | 2 00 |
| To J. P. Cushing, for bouquets, | 5 00 |
| To F. Winship, for the same, | 4 00 |
| To Galvin & Hogan, for the same, | 3 00 |
| To M. Trautman, for the same, | 2 00 |
| To R. Murray, for the same, | 2 00 |
| To Sarah D. Fiske, for the same, | 2 00 |
| To Joseph Rupp, for the same, | 1 00 |
| To Mrs. L. Spaulding, for the same, | 1 00 |
| To Annie C. Kenrick, for the same, | 1 00 |
| To Miss Whiting, for the same, | 1 00 |
| To Cambridge Botanic Garden, for the same, | 2 00 |
| To C. S. Holbrook, for the same, | 2 00 |
| To Mrs. W. H. Spooner, for moss basket, | 2 00 |
| To Mrs. W. J. Underwood, for two stand baskets flowers, | 3 00 |
| To the same, for one stand basket flowers, | 4 00 |
| To Mrs. W. Kenrick, for floral anchor, | 4 00 |
| To the same, for floral scales, | 4 00 |
| To Curtis & Cobb, for rural flower stand, | 8 00 |
| To Miss Russel, for flower stand with basket, | 5 00 |
| To Annie C. Kenrick, for basket of flowers, | 3 00 |
| To R. W. Holman, for stand of flowers, | 3 00 |
| To Galvin & Hogan, for vase of flowers, | 1 00 |
| To Mrs. R. Walsh, for arranged grasses, | 2 00 |
| To E. E. Willey, for wax fruit, | 3 00 |
| To Mrs. E. B. Grant, for floral stand, | 4 00 |
| To Miss C. Murray, for two dishes of flowers, | 1 00 |

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| To Mrs. E. L. West, for silk reed, | $1 00 |
| To A. Meyer, for floral cottage, | 2 00 |
| To George Leland, for altar, with globe and eagle, | 3 00 |
| To Ellen M. Harris, for pressed flowers, | 2 00 |
| To Mrs. Flinders, for moss work, | 3 00 |
| To Miss G. M. Harris, for wax flowers, | 2 00 |
| To Mrs. Hardy, for woven work, | 1 00 |
| To the same, for wax fruit, | 1 00 |
| To E. Herley, for basket of flowers, | 3 00 |
| To M. R. Hudson, for pressed flowers, | 2 00 |
| To R. M. Copeland, for amaranth frame, | 1 00 |
| To John C. Hovey, for amaranth eagle, | 2 00 |
| To Mary Capen, for pressed flowers, | 1 00 |
| To J. Breck & Son, for coxcombs, | 3 00 |
| To Messrs. Burr, for cut flowers, | 3 00 |
| To A. J. Washburn, for the same, | 3 00 |
| To T. Smallwood, for the same, | 2 00 |
| To B. V. French, for the same, | 2 00 |
| To Hovey & Co. for the same, | 2 00 |
| To W. J. Underwood, for the same, | 2 00 |
| To W. C. Strong, for the same, | 2 00 |
| To Jonathan French, for the same, | 1 00 |
| To John Fussell, for the same, | 1 00 |
| To T. W. Walker, for the same, | 1 00 |
| To B. Dennis, for the same, | 1 00 |
| To R. Murray, for the same, | 1 00 |
| To Hovey & Co. for plants, | 5 00 |
| To the same, for new Achimenes, | 5 00 |
| To F. Winship, for plants, | 8 00 |
| To W. C. Strong, for the same, | 3 00 |
| To J. McTear, for the same, | 2 00 |
| To T. A. Warren, for the same, | 1 00 |
| To A. A. Richmond, two collection of insects, | 3 00 |

GRATUITIES AT THE WEEKLY EXHIBITIONS.

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| To Galvin & Hogan, | 22 00 |
| To Evers & Bock, | 9 00 |
| To James Nugent, | 19 00 |
| To Parker Barnes, | 23 00 |
| To Hovey & Co., | 14 00 |
| To M. B. Williams, | 7 00 |
| To E. S. Rand, Jr., | 33 00 |
| To Bonnard Dennis, | 3 00 |
| To Mary R. Richards, | 3 00 |
| To W. J. Underwood, | 14 00 |
| To R. M. Copeland, | 4 00 |
| To Curtis & Cobb, | 1 00 |

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| To J. F. Allen, | $10 00 |
| To W. E. Carter, | 6 00 |
| To T. Smallwood, | 2 00 |
| To E. A. Story, | 14 00 |
| To J. Breck & Son, | 15 00 |
| To Thomas Page, | 12 00 |
| To C. F. Jones, | 11 00 |
| To Mrs. W. J. Underwood, | 5 00 |
| To George Dodge, | 1 00 |
| To J. S. Cabot, | 2 00 |
| To Mrs. Ashby, | 3 00 |
| To W. C. Strong, | 7 00 |
| To Annie C. Kenrick, | 4 00 |
| To Messrs. Burr, | 3 00 |
| To J. A. Kenrick, | 3 00 |
| To J. C. Chaffee, | 1 00 |
| To Miss Russell, | 5 00 |
| To E. G. Kelley, | 1 00 |
| To J. Hyde & Son, | 3 00 |
| To A. Bowditch & Son, | 9 00 |
| To H. Vandine, | 2 00 |
| To E. Stone, | 4 00 |
| To M. P. Wilder, | 2 00 |
| To Mrs. E. B. Grant, | 5 00 |
| To Mrs. Holman, | 4 00 |
| To Miss Sarah D. Fiske, | 1 00 |
| To F. Winship, | 10 00 |
| To J. McTear, | 4 00 |
| To Mrs. Chaplin, | 2 00 |
| To Public Garden, | 1 00 |
| To Miss Bird, | 2 00 |
| To Robert Murray, | 2 00 |
| To ——— Spooner, | 2 00 |
| To E. S. Holbrook, | 1 00 |
| To Bowen Harrington, | 2 00 |

The floral displays of the season have been all that a successful commencement indicated. From the time of the opening of the hall to the annual exhibition, no weekly display has failed to be such as not only to attract and gratify visitors, but also to reflect credit upon contributors and the Society. From season to season the marks of improvement are visible, and the production of seedlings, and the introduction of new plants, give evidence of a constantly growing interest and continued progress on the part of cultivators.

The displays of Roses, Phloxes, Asters, Dahlias, and especially of seedling Japan Lilies have been fine, and deserve commendatory notice. The change, which a few years has wrought in some of these flowers, has been

both striking and gratifying. The extent of this change may be in som degree appreciated by contrasting the prize asters of only half a decade since, with the perfect and very beautiful specimens that this season filled the prize stands of the society.

Gratifying as these marks of progress may be, candor compels us to admit, that no inconsiderable portion of the merit is due to the skill of foreign cultivators. While we are availing ourselves of everything foreign, both of production and discovery, it is well to be watchful, lest we become too greatly dependent upon others, and forget our ability to accomplish something for ourselves. With every variety of climate, with taste combined with the ample wealth at our command, no reason exists why our own productions should not only bear a favorable comparison with, but even rival the best results of foreign skill and experience.

Should the liberal encouragement given by the Society for the production of new seedling fruits, be also given to our florists for the production of new seedling flowers, there can hardly be a doubt that it would be attended by equally gratifying results.

For the Flower Committee,

FEARING BURR, Jr., *Chairman.*

## REPORT OF THE COMMITTEE ON FRUITS,

### Awarding Premiums for 1856.

The Committee on Fruits present to the Society a report of their doings for the past year, feeling that this is not the least of the departments under the supervision of a Society established for the public good. And, as they make record, from week to week, of their doings, it is for the dissemination of good to all, especially for those who cannot be present to witness the rich display of choice specimens of fruits offered, not only from the immediate vicinity, but often from thousands of miles within our outspread country—including Kansas, California and Oregon. In this way, we are enabled to compare specimens and quality, and judge of such varieties as have a local habitation; and it will not be denied but that there are some fruits which do better in the section in which they originated, while it is admitted that others may be improved by a change of location, though this seldom happens; yet the Bartlett (and some few varieties of foreign origin,) a widely disseminated pear, seems to find in this country a more congenial climate than in the place of its origin. The apples grown in Kansas, as presented for exhibition here, were mostly varieties which had originated in this section, such as the Roxbury Russet, Baldwin, Hubbardston Nonsuch, &c., and though somewhat increased in size, they were equal, if not superior, to the same varieties grown with us.

Of the fruits shown as grown in Oregon, we would specially mention the Gloria Mundi (Monstrous Pippin of Coxe,) as exhibited by Daniel Denny, on account of its monstrous size, viz., 2 lbs. 5½ oz. avoirdupois weight. Specimens of the Sparhawk, weighing 27 oz., grown in Alabama, were shown by Messrs. Hovey, and, notwithstanding the size was so much increased over those grown in the locality of its origin, the flavor was not any the less agreeable.

We are constantly receiving accessions of new fruits, particularly of the apple, such varieties as are coming into existence as seedlings, or those which have only been known in the particular vicinity of its origin, and from year to year are being disseminated and brought to notice through some horticulturist. Under the head of Apples, we would mention as promising well, the Washington, a handsome autumn fruit, and the Polish, a late autumn or winter variety.

And were we going into a recommendation of some of the older varieties, we should bespeak a place in the smallest collection for the Fameuse, which is *always* good, from the first dropping to its latest keeping, unsurpassed and admirably adapted for the table or kitchen.

Notwithstanding the scarcity of apples in general the past season, there has been but a slight falling off of contributions either at the weekly or at the annual exhibition, and of specimens nearly equal to any former year. We wish space would allow us to speak of some of the choicest specimens shown during the year, but can only mention the Ladies' Sweeting, as shown by F. & L. Lovett, with the view to speak of it as one of the best

known varieties for a sweet apple. It proves a good bearer, with few of under size, keeping well till into May.

The Foster apple, ripe in August, as shown for several years by J. W. Foster, is a superior sweet apple and worthy general cultivation. Not having been able to identify it with any known variety, the Committee have given it this name.

Pears will probably hold a preëminence with the public as well as the amateur, and the time has already arrived when we are not obliged to depend solely on those of foreign origin, for we could name at least a dozen varieties which are in no way inferior to the same number originating in other countries, viz., Sheldon, Lawrence, Brandywine, Boston, Seckel, Tyson, Andrews, Lodge, Kingsessing, Howell, Oswego Beurré and Adams.

In the belief of many, we shall do as well to rely mainly for a certain returnable crop of pears, on varieties originating with us. There are those who, either as a matter of necessity, of business, or as amateurs, will always cultivate varieties which can be counted by hundreds, and it is well for us who can only grow a limited number, that there are persons who can afford and are willing to pass through all this vexation, and it would be as well that we might profit by their failure of a return commensurate with the outlay. A beginner generally makes a mistake in desiring to grow too great a variety—such as he has seen described with high encomiums, instead of relying at the outset on some horticultural neighbor who *has had experience*, perhaps at an outlay of funds and temper for the meagre return of years of toil.

We would, therefore, say to a beginner, calculate the number of trees you design setting out, the proportion for season of ripening, whether as dwarf or standards, then consult one of known judgment, who has had experience and mainly rely on his judgment, which will probably avail much, enabling him to come at once in his outlay to a satisfactory result.

A few of the varieties which promise well and maintain a high character, we would mention: Beurré de Wael, Beurré Sterckman, Beurré Clairgeau, Beurré d'Anjou, Retour de Rome, Charles Van Hooghten, Comte de Flanders, Sterling, Gideon Paridant, Abbot, Beurré Superfin, Doyenné Boussock, Pratt, Beurré Kennes, Nouveau Poiteau, Fondante de Malines, Conseiller Ranwez, Kirtland, Seckel, Beurré Langelier, Emile d'Heyst, Calebasse Delvigne, Pie IX., St. Menin, Philadelphia, &c.

Of seedlings, of recent introduction, which bid fair to hold a conspicuous position, may be named the Shepherd, Dana's No. 16, Dana's No. 12, and Dana's new Seedling, shown this year for the first time.

The contributions of grapes raised under glass have been liberal, and in nearly all cases well grown; coming mainly from houses long established, though many have been offered from houses of recent introduction, but following closely on to those of not so recent a date. The Committee having availed themselves of duties jointly assigned them with the Garden Committee of visiting the various graperies and fruit gardens in this vicinity, are ready to confirm all that has been said in their Garden Committee Report; begging leave to state that the amount appropriated in that depart-

ment of your Society is well applied in the way of gleaning valuable information for this Committee.

The visit to the grapery of M. H. Simpson, Saxonville, seemed more nearly connected with this department than any other, that we took special cognizance of all matters; to the novel mode adopted as the "*Simpsonian*" plan of cultivating two crops in one year. That Mr. Simpson has been eminently successful we have had ample proof, and he is deserving of all honor which may be attached to so prosperous an issue against the fearful odds attendant thereon. Nearly all his friends predicted a failure of crops, ruination of vines, and a heavy outlay devoid of a return. Even his gardener (Mr. Burns) was of like opinion with the multitude. Yet against all these odds which Mr. S. had to contend with, he persevered, (his gardener against his own convictions was assiduous in carrying out his employer's plan,) and success has attended as Mr. S. *alone* predicted it would. Our visit was made on the 24th of April 1856, at which time we found a luxuriating crop, on vines which were started December, 1855.

And from the same vines which gave the crop in April, Mr. Simpson made a liberal display on the third Saturday in December, 1856.

The Macready's Early White were cut as early as December 3d; the vines had a period of rest from April to August, when bottom heat was applied and a produce of about ten pounds to the vine was the result. Having visited the grapery, we found the vines in the best possible condition.

Under the head of Hothouse Grapes the Committee have the pleasure to incorporate a communication from J. Fisk Allen:

SALEM, December 30th, 1856.

*To the Chairman of the Fruit Committee of Mass. Hort. Society.*

Dear Sir:—In my reply to your note last year regarding grape culture in this vicinity, mention was made of the Black Barbarossa as having fruited in the grapery of R. S. Rogers, Esq.

This present year this vine has again fruited, and you have had bunches of this crop exhibited upon the tables of your Society. It is proper now to state, that this variety has been fruited two seasons in the neighborhood of New York, and that good judges pronounce the grape identical with the Prince Albert.

There are other vines of the Barbarossa in this vicinity—one small bunch, of a very few berries, was produced upon one vine. The Prince Albert has been extensively planted in forcing houses in this State, and the vines have been removed on account of their unfruitfulness. In my retarding house it has usually yielded well, bearing large, long bunches, of two to four pounds weight. This year, it had not a grape or a blossom, and a vine still retained in the forcing house for experiment, has not shown a fruit cluster for years. The vines of the two, if not identical, have the same uncertainty of crop.

The fruit grown on Mr. Rogers' vine resembles the fruit shown by myself, for many years, under the name of Bishop. This is an uncertain bearer, fruiting on alternate years.

There are three grapes which have a very singular mode of growth, the Prince Albert, the Bishop, and Red Lombardy. If the Barbarossa is a distinct variety from Prince Albert, then there is a fourth. The Queen of Nice occasionally exhibits a tendency to the same growth. All these grapes are late, requiring one to two months longer season than the Black Hamburgh, and great heat to mature them in perfection.

These can be readily distinguished from the hundreds of other kinds, when in growth, by this singularity: the point, or termination, of all the young shoots being *turned down*, as if held in check by a rein. The Prince Albert has this peculiarity to the greatest degree, and the Barbarossa is so entirely like, that I can see no reason for believing them distinct. The vine alluded to as bearing only a few berries had a cane of large size, the whole length of the rafter, in full health, and showing a correct picture of the Prince Albert and of its customary barrenness.

Possibly the vines in New York are not true Barbarossa. If the vines were selected when in growth, this peculiar habit may have led to error.

Probably another season will settle the question. In the meantime, as the vine is an uncertain bearer, it will be well to be cautious in planting or propagating it.

Seedling grape vines multiply so rapidly, that it would require a large space and more leisure than I am possessed of even to name them. The Rebecca is the best that has come under my observation the past year; the fruit superior to the Diana, which is generally esteemed the best flavored native grape yet fairly tested. Should this prove hardy in our climate, it will be received as a great acquisition.

Mr. Edward Rogers, of this city, has a large number of hybrids, which have fruited this past season. The mammoth Globe Grape, fertilized by the pollen of the Chasselas and Black Hamburgh, was the method employed in producing them. Black, red and white fruit, in fine formed bunches, is the result, and ripening early. The vines were spotted some with mildew, and another year will test their quality. They are perfectly hardy.

Several of my own hybrids have proved perfectly hardy, and fruited this year in open culture. No. 19, a round, black grape, I thought quite good, others closely resembling the Black Prince, with the sharp, acid flavor of that variety; still others, the fruit of which was eaten by the robins as soon as colored, and before they were fully ripe. The white, known as Allen's Hybrid, has been allowed to bear a full crop this year, under glass. The result was entirely satisfactory; the fruit ripening the first of August and keeping well three months upon the vine. A few bunches cut remained in good condition three months longer. This vine survived the past severe winter in open culture. The purple, No. 8, fully sustains its promise of being valuable as a later fruit, coming into eating some weeks after the white.

The weather in April and May was cold and wet; this caused an unusual bleeding of the vines in open culture. More injury was done the vines from this protracted bleeding, than has ever before been noticed by the writer. The terminal buds on the spurs, and many of those on the long

canes, were destroyed—apparently poisoned or corroded by some substance in the sap. On the recurrence of fine, dry weather, the flow of sap would cease, when the shoot or branch would appear as if whitewashed. Notwithstanding this unfavorable spring, the heat of July and the mild weather in October matured a fine crop of grapes where the vines were not injured by the cold of winter. Under glass, a full crop was also matured.

The mildew seems to be the great drawback to the successful culture of the grape in this country. Under glass, where it has been more and more troublesome from year to year, (in my houses,) it has been entirely subdued by constant applications of sulphur applied early to the floor of the house, and repeated as often as it was washed in by water or disappeared by evaporation. In the open garden it has been more than ever troublesome in this vicinity, appearing in June and reappearing on every wet and foggy term even into October, a space of four months. Formerly, its occurrence was confined to July and August. The application of sulphur and lime water to the foliage by the syringe, or garden engine, will destroy it at once. This must be repeated as often as occasion may require. I find the application of dry flour of sulphur *alone* the most satisfactory, spreading this freely upon the ground around the vine and upon the foliage—repeating this on the appearance of mildew, and in foggy weather during the summer. After a few years, the soil will become so saturated as to require but one application for the season, and this in June or July.

Complaints are freely made that the mildew reappears after the wash and sulphur has once destroyed it. To be of any real use the vines must be watched, and the sulphur application renewed, in one form or other, as often as any reappearance of mildew, and this again and again if necessary.

Several individuals, recently writing upon the mildew, speak of it as if caused by change of temperature of heat to cold, or the reverse. My own observation for twenty years past, has led me to think that damp, foggy weather was the cause, and the most favorable for its vegetation is the hot fogs of dog days.

Respectfully yours, JOHN FISK ALLEN.

HARDY NATIVE GRAPES.—The time has arrived, showing clearly that we can now have open cultured grapes, nearly equalling those grown under glass. In addition to the seedlings heretofore shown by Mr. Allen and Mr. Stetson, and fully spoken of in former Reports, we would mention the REBECCA, shown by William Brooksbank, Hudson, N. Y. The Rebecca is the best seedling, shown this season for the first time, and promises to be *early, high flavored, a good bearer, and perfectly hardy*, and being a white variety, may prove somewhat more desirable. Of its hardiness we are assured, since it has stood the winter without protection, at Winchester, in the grounds of E. A. Brackett. With Mr. Brackett it ripened as early as the Diana. Of its earliness, prolificness and hardiness, Mr. Brackett speaks in the highest terms of commendation.

The UNION also fruited with Mr. Bracket. He speaks of it as a good grower and bearer, and perfectly hardy. This variety (as shown) was fully

ripened about the middle of September. It is a delicious grape, of sacharine flavor, and fully equal in size to the Black Hamburgh, which it much resembles in appearance.

The Delaware was also fruited in the hands of Mr. Brackett. Both the bunch and berry were much increased in size over those shown as grown in Ohio. The Delaware ripened on the 10th of September, and though the grape is undersized, it will always prove desirable for the table.

The Curtis, (Mr. Stetson's seedling, spoken of heretofore as No. 4,) in the hands of Nahum Stetson, Bridgewater, ripened about the 20th of August, and was of superior flavor. Several other seedlings of good promise were shown, but sufficient is not yet known of their earliness and hardiness to warrant the Committee to speak so fully as to recommend their culture. The Allen's Hybrid was of an increased size over those heretofore shown.

Subjoined is a communication from Mr. Brackett on the subject of out-door grapes. Mr. Brackett's grounds are most favorably located for the growth of the vine and its early ripening. It will be noticed that he dissents strongly from most growers, as to the food required for the vine. We cannot fully agree with Mr. Brackett, and think he may have come to his own conclusions from the fact that he is highly favored with the best of virgin soil, and a fortunate location in all respects.

Neither must the fact enumerated by Mr. Brackett that the London Horticultural Society awarded a prize to grapes, grown under the most ordinary conditions, be taken as an evidence that they can be successfully cultivated in this way for any length of time. The grapes referred to, were the *first crop* of a new vinery, supplied with abundance of heat and moisture, growing in a border which, according to the account, "appeared" to be common garden soil, and everybody is aware how good the soil of an English garden is.

Winchester, January 1st, 1857.

*To the Chairman of the Fruit Committee of the Mass. Hort. Society:*

Dear Sir,—Yours of Dec. 27th, was duly received. In a note published in your last year's report, I detailed what I believed to be the best method of training vines in open culture: and also gave a description of my soil. Notwithstanding the coiling of my vines around the stalks, and the severe root pruning given them some two years since, they still continue to make too much growth. I am satisfied that we have no soil in this climate suitable for the vine, that is not already rich enough in those materials necessary to form leaf and wood. Especially is this true of vines grown under glass. The system of making rich borders is derived from English cultivators, and is in direct opposition to the culture of the vine in its *native* soil, and the wine-growing districts of Europe.

This gluttony of the vine has been growing from bad to worse, until in some instances borders have been literally filled with dead horses and offal from slaughter-houses.

Something, however, of a return to first principles was found at the late

exhibition in the Regent's Park, where grapes from vines grown in nothing but common garden soil, received the highest premium in competition with nearly one hundred of the best grape growers of England.

Vines, in pots. grown in a soil composed almost entirely of gravel and sand, without any animal manure, treated with silicate of potash and phosphate of lime, have borne large crops and ripened their fruit much sooner than those grown in a rich compost. The fruit of these vines was exhibited on your tables last March.

As the object of nature is to reproduce its species, it follows that the great labor of the vine is in maturing the seed. And just in proportion to the ease with which this is perfected will be the size of the pulp, or fruit, and the time of ripening lessened. Such being the case, all stimulants not tending to *assist* the vine in this direction *are injurious;* inasmuch as they stimulate the vine to an unnatural growth of wood—a condition unfavorable to the production of fruit.

I have fruited, the past season, four new varieties of out-door grapes, the Rebecca, Delaware, Union, and Canadian Chief.

The Canadian Chief is to all appearance a foreign grape. The Delaware is perfectly hardy, a good bearer, and the fruit of an excellent flavor. It is the earliest of all our native grapes worth cultivating. The Rebecca ripens about the same time of the Diana, and stands the climate quite as well as the Isabella. The Delaware and Rebecca are in my estimation a decided improvement over the Diana.

The Union grape is a seedling from the Isabella; perfectly hardy, bunches about the size of the Hamburgh, the berries somewhat larger and of excellent flavor. It has ripened with me during the past three years, and should it continue to maintain its present character it will undoubtedly become our best market grape. Yours truly, E. A. Brackett.

The Concord is now widely disseminated, and some are strenuous in its favor; in the course of a year or two it will have become so well tested as to earliness, &c., that growers will be enabled to judge for themselves as to its merits—and will probably decide in favor of its being a valuable addition to other varieties for out-door culture.

Oct. 8th.—Mr. S. Herman showed grapes so closely resembling the Hamburgh, as to be taken for that grape. The grower of the grape (a German) says, in answer to a query, "I had the Black Hamburgh planted in my grounds, but it would not stand the winter; while the vine from which these grapes were cut, stood the first three winters without any protection, while the last four years they have been covered. It usually ripens about the last of August; this year, in consequence of wet and cold, it was nearly a month later. My vines were received from Germany."

Considering the great value that would accrue from the introduction of new varieties of native grapes, ripening sufficiently early to mature in any part of the New England States, and superior to any we now possess, your Committee urge the necessity of the Society offering a special premium, not exceeding $500, or such amount as they may deem advisable, for the best

seedling possessing such qualifications as will entitle it to so liberal a prize.

Blackberries.—Under the head of premiums awarded for this fruit, it will be seen that the High-bush has carried off all the premiums. The Lawton is a valuable acquisition, but without detracting at all from its merits your Committee would state that in their opinion, for general cultivation, the High-bush is altogether a superior berry, quite as large, of equal flavor, and possessing that all-important requisite for such a fruit, solidity, which enables the grower to take it to market in fine order, which he cannot well do with the Lawton. The blackberry, according to Mr. Merriam, who has had great success in growing it, should be trained horizontally; this causes every eye to break, and the shoots are literally loaded with fruit; if trained upright they only break freely at the top.

Peaches.—Mr. Nahum Stetson exhibited, Sept. 6th, a *very* large peach, of delicious flavor, called "Shanghai," taking its name from the fact of its having originated in Shanghai.

Raspberries.—It will be noticed that the *Knevett's Giant* has again taken the lead. For the first time Brinklé's Orange was shown (by George Davenport,) commencing his exhibition July 19th and ending in September. This is of an orange color, good size, well flavored, and, as will be noticed by the continuance of the contributions, is a prolific bearer.

Nectarines.—None worthy of particular mention have been shown, except the Stanwick, shown by H. H. Hunnewell, to which was awarded the Society's silver medal. If others are as successful in growing this, as has been Mr. Harris, gardener to Mr. H——, it will probably be grown to the exclusion of most other varieties.

Strawberries.—The *Jenny Lind*, a seedling raised by Mr. Fay, having proved an early and prolific bearer in the hands of others than the originator, the Committee awarded to Isaac Fay, the *Society's Special Prize* of the *Lyman Plate*, valued at $50, for the Jenny Lind as the best seedling after three years' trial.

The past season has been prolific in the introduction of new and valuable varieties from abroad, amongst which may be mentioned Sir Harry, Admiral Dundas, and Sir Charles Napier, shown by Messrs. Hovey, as the leading and most desirable of some twenty-five varieties of recent introduction. The Admiral Dundas, the largest of the above named, requiring only about eighteen to the pound. Sir Harry received the first prize, as being superior in flavor to any other variety of the season. The Admiral Dundas, on account of size, would have received the second prize, but that the contributor is one of the Fruit Committee, and declined assenting to the award made by all other members.

The Committee would like to speak of some other varieties of strawberries, but they have already extended their report, and close with the following awards:—

PREMIUMS AND GRATUITIES AWARDED.

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| For the best and most interesting exhibition of Fruits during the season, the Lowell plate, to J. F. Allen, | $15 00 |
| For the second, to Henry Vandine, | 10 00 |
| For the third, to Hovey & Co. | 7 00 |
| Apples.—For the best twelve Summer apples, to F. & M. Burr, for Red Astrachan, | 6 00 |
| For the second, to J. W. Foster, for Early Harvest, | 4 00 |
| For the best twelve Autumn apples, to James Eustis, for Gravenstein, | 6 00 |
| For the second, to J. B. Moore, for Hubbardston, | 4 00 |
| For the best twelve Winter apples, to F. & J. Lovett, for Lady Sweet, | 6 00 |
| For the second, to Lewis Davenport, for Baldwin, | 4 00 |
| Blackberries.—For the best specimens, to J. Nugent, for High-bush, | 5 00 |
| For the second, to G. Merriam, for the same, | 4 00 |
| For the third, to J. W. Foster, for the same, | 3 00 |
| For the fourth, to G. B. Cutter, for the same, | 2 00 |
| Cherries,—For the best specimens, to William Bacon, for Black Tartarian, | 4 00 |
| For the second, to G. B. Cordwell, for the same, | 3 00 |
| For the third, to J. W. Foster, for Black Eagle, | 2 00 |
| Currants.—For the best specimens, to J. W. Foster, for Red Dutch, | 3 00 |
| For the second, to George Wilson, for White Dutch, | 2 00 |
| Figs.—For the best twelve specimens, to J. Fisk Allen, | 3 00 |
| For the second, to E. S. Rand, Jr. | 2 00 |
| Gooseberries.—For the best specimen, to J. W. Foster, | 3 00 |
| For the second, to A. D. Webber, | 2 00 |
| Grapes.—For the best specimens grown under glass, before July, to Breck & Son, for Cannon Hall, | 8 00 |
| For the second, to J. C. Blaisdell. for B. Hamburgh, | 6 00 |
| For the third, to Mrs. F. B. Durfee, | 4 00 |
| For the best specimen grown under glass, after July, to Wm. P. Perkins, | 8 00 |
| For the second, to Mrs. F. B. Durfee, | 6 00 |
| For the third, to J. F. Allen, | 4 00 |
| For the best Native grapes, to G. B. Cutter, for Isabella, | 6 00 |
| For the second, to E. A. Brackett, for Delaware, | 5 00 |
| For the third, to C. E. Grant, for Isabella and Catawaba, | 4 00 |
| For the fourth, to E. Cleaves, for Diana, | 3 00 |
| For the fifth, to G. C. Haynes, for Isabella, | 2 00 |
| Melons.—For the best Musk Melon, open culture, to E. M. Richards, for Christiana, | 2 00 |
| For the best Water Melon, to C. S. Holbrook, | 2 00 |

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| NECTARINES.—For the best twelve specimens, to J. F. Allen, . | $3 00 |
| For the second, to C. F. Haynes, . . . . | 2 00 |
| PEACHES.—For the best twelve specimens, grown under glass, before July, to C. S. Holbrook, for Coolidge, . . | 5 00 |
| For the second, to J. F. Allen, for Grosse Mignonne, . | 3 00 |
| For the best twelve specimens, open culture, to N. Stetson, for Shanghai, . . . . . | 5 00 |
| For the second, to William Brigham, for late Crawford, . | 4 00 |
| For the third, to C. G. Grant, for the same, . . | 3 00 |
| For the fourth, to F. Dana, for the same, . . . | 2 00 |
| PEARS.—For the best twelve Summer Pears, to Samuel Downer, for Tyson, . . . . . | 5 00 |
| For the second, to H. Vandine, for Muskingum, . . | 3 00 |
| For the third, to Hovey & Co., for Boston, . . . | 2 00 |
| For the best twelve Autumn Pears, to W. R. Austin, for Duchesse, . . . . . | 5 00 |
| For the second, to W. N. Rider, for Urbaniste, . . | 3 00 |
| For the third, to J. F. Allen, for B. Bosc, . . . | 2 00 |
| For the best twelve Winter Pears, to J. B. Loomis, for Easter Beurre, . . . . . | 6 00 |
| For the second, to N. H. Palmer, for Glout Morceau, . | 5 00 |
| For the third, to W. R. Austin, for Easter Beurre, . . | 4 00 |
| For the fourth, to J. Plympton, for Glout Morceau, . . | 3 00 |
| PLUMS.—For the best specimens, to Henry Vandine, . . | 4 00 |
| For the second, to Evers & Bock, . . . . | 3 00 |
| For the third, to C. E. Grant, . . . . | 2 00 |
| QUINCES.—For the best twelve specimens, to J. C. Bachi, . | 3 00 |
| For the second, to J. A. Stetson, . . . . | 2 00 |
| RASPBERRIES.—For the best specimens, to J. W. Foster, Knevett's, | 4 00 |
| For the second, to W. R. Austin, for the same, . . | 3 00 |
| For the third, to George Davenport, for Brincklé's Orange, . | 2 00 |
| STRAWBERRIES,—For the best specimens, to Hovey & Co., Sir Harry, . . . . . | 5 00 |
| For the second, to Isaac Fay, Jenny Lind, . . . | 4 00 |
| For the third, to J. C. Scott, Brighton Pine, . . | 3 00 |
| For the fourth, to George Leland, Hovey, . . . | 2 00 |

GRATUITIES.

To R. S. Rogers, for Barbarossa grapes, silver medal.
To H. H. Hunnewell, for Stanwick Nectarine, silver medal.
To E. A. Brackett, for Union grape, silver medal.
To Hovey & Co., for Rebecca, silver medal.
To Isaac Fay, for Seckel, silver medal.
To S. Kemp, for Seckel, silver medal.
To W. C. Strong, for grapes, Society's silver medal.
To W. C. Barton, for Winter Nelis, 1 vol. Hovey's Magazine.
To Charles Bruce, for B. Diel, 1 vol. Hovey's Magazine.

To H. M. Chamberlain, for B. Clairgeau, 1 vol. Hovey's Magazine.
To George Nichols, Jr., for White Hamburgh grapes, 1 vol. Hovey's Magazine,
To Eliphalet Stone, for Polish apple, 1 vol. Hovey's Magazine.
To Samuel Leeds, for B. Bosc, 1 vol. Hovey's Magazine.
To T. Haley, for Urbaniste, 1 vol. Hovey's Magazine.
To Jonathan French, B. Clairgeau, 1 vol. Horticulturist.
To N. H. Henchman, for Louise Bonne de Jersey, 1 vol. Horticulturist.
To Daniel Niles, Jr., for N. Spy, Appleton bronze medal.
To Ralph Crooker, for fine specimens of Josephine de Malines pears, the Appleton bronze medal.
To W. C. Barton, for Easter Beurré, the Appleton bronze medal.
To C. E. Grant, for Easter Beurré, extra fine, the silver medal.
To J. B. Moore, for White Dutch currants, the Horticulturist.
To Isaac Fay, the Society's Special Prize of the Lyman Plate, valued at $50, for the Jenny Lind, as the best seedling Strawberry after three years trial.

PREMIUMS AND GRATUITIES AWARDED AT THE ANNUAL EXHIBITION.

APPLES.—For the best thirty varieties, of twelve specimens each, the Lyman plate, to T. Clapp, valued at . . . $20 00
For the second best, to F. & M. Burr, . . . 15 00
For the third best, to B. V. French, . . . 12 00
For the best twenty varieties, of twelve specimens each, to James Eustis, . . . . . 15 00
For the second best, to Josiah Newhall, . . . 12 00
For the best ten varieties, of twelve specimens each, the Society's plate, to J. B. Moore, valued at . . . 10 00
For the second best, to John Gordon, . . . 8 00
For the third best, to W. W. Wheildon, . . . 6 00
For the best dish of Apples, twelve specimens of one variety, to T. Clapp, for Gravenstein, . . . . 5 00
For the second best, to B. Harrington, for Hubbardston, . 4 00
For the third best, to G. Nelson, for Porter, . . 3 00
For the fourth best, to C. W. Goodrich, for Orange Sweet, 2 00

GRATUITIES.

F. & J. Lovett, 1 vol. Hovey's Fruits of America.
Mrs. C. W. Goodrich, for collection, bronze medal.
J. Eustis, for Maiden's Blush, 1 vol. Hovey's Magazine.
J. W. Foster, for Porter, 1 vol. Horticulturist.
Francis Marsh, for Cogswell, 1 vol. Hovey's Magazine.
M. H. Simpson, for 20-Ounce, Appleton bronze medal.

PEARS.—For the best thirty varieties, of twelve specimens each, the Lyman plate, to M. P. Wilder. valued at . . 20 00
For the second best, to Hovey & Co., . . . 15 00
For the third best, to John Gordon, . . . 12 00
For the fourth best, to D. Waldo Lincoln, . . . 10 00

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| For the best twenty varieties of twelve specimens each, to Josiah Stickney, | $15 00 |
| For the second best, to Josiah Richardson, | 12 00 |
| For the third best, to W. R. Austin, | 8 00 |
| For the fourth best, to A. D. Williams, | 6 00 |
| For the best ten varieties, of twelve specimens each, the Society's plate, to R. W. Ames, valued at | 10 00 |
| For the second best, to William Bacon, | 8 00 |
| For the third best, to S. Downer, | 6 00 |
| For the fourth best, to J. A. Stetson, | 4 00 |
| For the best dish of Pears, twelve specimens of one variety, to J. Eaton, for Flemish Beauty, | 5 00 |
| For the second best, to John Gordon, for Andrews, | 4 00 |
| For the third best, to J. Richardson, for Flemish Beauty, | 3 00 |
| For the fourth best, to S. Lane, for the same, | 2 00 |

GRATUITIES.

G. Southack, a copy of Allen's Victoria Regia.
J. S. Sleeper, a copy of Allen's Victoria Regia.
Henry Vandine, $6 in Fruits of America.
Jonathan French, a copy of Allen's Victoria Regia.
J. A. Stetson, a copy of Allen's Victoria Regia.
T. D. Anderson, a copy of Allen's Victoria Regia.
J. Shepherd, for Shepherd's Seedling, Society's silver medal.
Henry Bradlee, for collection of fruits, Society's silver medal.
E. A. Story, for the same, Society's silver medal.
G. B. Cordwell, for the same, Society's silver medal.
A. Low, for the same, Society's silver medal.
Francis Marsh, for the same, Society's silver medal.
Geo. Davenport, for the same, Society's silver medal.
N. White, for the same, Society's silver medal.
A. J. Dean, for the same, Society's silver medal.
W. A. Crafts, for the same, Society's silver medal.
Lewis Wheeler, for the same, 1 vol. Horticulturist.
S. Austin, for the same, 1 vol. Horticulturist.
W. H. Spooner, for the same, 1 vol. Horticulturist.
C. F. Curtis, for the same, 1 vol. Horticulturist.
G. Harris, for the same, 1 vol. Horticulturist.
W. P. Valentine, for the same, 1 vol. Hovey's Magazine.
A. W. Stetson, for the same, 1 vol. Hovey's Magazine.
T. Thacher, Jr., for the same, 1 vol. Horticulturist.
J. W. Foster, for the same, 1 vol. Horticulturist.
P. R. L. Stone, for Bartletts, 1 vol. Hovey's Magazine.

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| G. Newhall, for collection, | $2 00 |
| A. Bullard, for the same, 1 vol. Hovey's Magazine. | |
| D. Hill, for the same, | 2 00 |
| J. Mason, for the same, | 2 00 |

W. H. Palmer, for the same, . . . . $2 00
E. C Stevens, for the same, . . . . 2 00
H. B. Ward, for the same, . . . . 1 00
Robert Manning, for the same, . . . . 5 00
Joseph S. Cabot, for the same, . . . . 8 00
Samuel Walker, for the same, . . . . 10 00
J. A. Kenrick, for the same, . . . . 2 00
J. Murray, for the same, . . . . . 3 00
S. Sweetser, for the same, . . . . 2 00
Francis Dana, for the same, . . . . 3 00
F. Gould, for Andrews, 1 vol. Hovey's Magazine.

PEACHES.—GRATUITIES.

Hovey & Co., Society's silver medal, for varieties.
George Davenport, Early Crawford, . . . 5 00
P. R. L. Stone, Crawford and Coolidge, . . . 4 00
Thaddeus Clapp, Crawford and Grosse Mignonne, . . 3 00
J. S. Sleeper, Royal George, . . . . 2 00
D. E. Jewell, silver medal.
H. B. Ward, 1 vol. Hovey's Magazine.
P. Austin, 1 vol. Hovey's Magazine.

PLUMS.—For the largest and best collection, of not less than four varieties, to Henry Vandine, . . . . 5 00
For the second best, to John Gordon, . . . 4 00

ASSORTED FRUIT.—For the best basket of Fruit, of various kinds, to M. P. Wilder, . . . . . 12 00
For the second best, to C. E. Grant, . . . 10 00
For the third best, to J. Bumstead, . . . 8 00
For the fourth best, to W. A. Craft, . . . 6 00
For the fifth best, to J. Murray, . . . . 5 00
For the sixth best, to Galvin & Hogan, . . . 4 00
For the seventh best, to A. D. Williams, . . . 3 00
For the eighth best, to Bowen Harrington, . . 2 00

GRAPES.—For the best five varieties, two bunches each, to Mrs. F. B. Durfee, . . . . . 10 00
For the second best, to S. Austin, . . . . 8 00
For the third best, to Breck & Son, . . . 6 00
For the best two varieties, two bunches each, to M. H. Simpson, 5 00
For the second best, to B. D. Emerson, . . . 4 00
For the third best, to C. E. Grant, . . . . 3 00
For the fourth best, to Thomas Page, . . . 2 00
For the largest and best collection, not less than six varieties, to J. F. Allen, . . . . . 10 00

GRAPES, NATIVE.—Wm. Brooksbank, for Rebecca, Society's silver medal.
E. A. Bracket, for Delaware and Union, . . . 5 00
C. E. Grant, for Isabellas, . . . . . 3 00
G. B. Cutter, for the same, . . . . 3 00
J. Cass, for the same, . . . . . 2 00

E. W. Bull, for Concord, . . . . . $2 00
N. Harding, for Sweetwater, (open culture,) . . 2 00
Thomas Waterman, for Breck, . . . . . 2 00

Miscellaneous Fruits.—James Dorrit, silver medal.
Wm. Bacon, one year's subscription to Horticulturist.
G. Newhall, one year's subscription to Horticulturist.
Galvin & Hogan, one year's subscription to Horticulturist.

Francis Dana, . . . . . 1 00
R. P. Stebbins, . . . . . 1 00
L. Taylor, . . . . . 1 00
G. M. Willis, . . . . . 1 00
Mrs. Wells, . . . . . 1 00
Nancy Sargent, . . . . . 1 00
Spencer & Curtis, . . . . . 1 00
A. Harris, . . . . . 1 00
W. Brigham, . . . . . 1 00
T. Hastings, . . . . . 2 00
M. H. Simpson, . . . . . 2 00
B. F. Nourse, . . . . . 2 00

For the Committee, Eben Wight, *Chairman.*

## REPORT OF THE COMMITTEE ON VEGETABLES,

### Awarding Premiums for 1856.

To the Massachusetts Horticultural Society:

Your Committee, in presenting this annual report of the weekly exhibitions, cannot fail to notice the increased interest in everything relating to the vegetable kingdom. Though the present season has not been as favorable to the development of vegetation as some preceding seasons, and the tables, on some occasions, have looked unattractive in this department, yet the new varieties offered for your examination by several contributors, have been such as to warrant an extended culture the ensuing season.

The new varieties of carrots adapted to early culture and shallow soils, are among the principal varieties that are calculated to enhance the profits of the agriculturist. The turnip specimens have been such as show an improvement in the quality over former varieties, for field or table use.

The sweet corn, known as Burr's improved, has, the past season, been shown by numerous cultivators, and seems to possess a marked superiority for table use over former varieties.

As regards peas, the Champion of England, Hovey's, Hill's, Prince Albert and Early Kent, still retain their position among the earliest varieties. Of late introduction, the Dan. O'Rourke, for an early variety, seems to bid fair to rival some of the former, here as well as in England, for where we have known of its being grown it has, like the Champion, proved to be a great favorite, and adapted to our climate.

In regard to potatoes, there have been no new seedling potatoes of any note placed before your Committee. The Worcester that was entered or placed on the table about the time of the Davis, does not, by tracing its origin, appear to be a variety that should be considered as coming under the article of prospective prizes.

Perhaps in the department of vegetable culture, there is not so much zeal and interest manifested as the subject requires; for the love of fruits and flowers exercise over the mind or senses of the amateur a more varied and delightful influence than the department of vegetables, though this opens a wide and interesting field for practical science. Yet, who is there to deny that a collection of finely grown vegetables placed on your tables does not excite as much interest to the visitors as a collection of fine fruits arrayed in all their richness? Or, a stand of flowers appearing to the eye as though the wings of a butterfly had been daguerreotyped on every petal?

The liberal prizes offered by the Society for vegetable gardens are not competed for. We should, therefore, be glad to see, the ensuing season, an increased interest among cultivators in this department, and the tables of the weekly exhibitions present an array of specimens grown to the greatest perfection, while at the annual display, the tables should groan under the weight of superior specimens and improved varieties, of such esculents as constitute the staff of life.

We have the pleasure herewith to add a valuable communication from J. F. C. Hyde, Esq., (a member of the Committee,) on the subject of potatoes :—

NEWTON CENTRE, January 12th, 1857.

*To the Chairman of the Committee on Vegetables:*

Dear Sir:—At your request we send you the following, concerning some of the varieties of potatoes shown by us at the late exhibition. We have for a few years been quite interested in the culture and improvement of this vegetable, and have produced many new seedlings, some of which are quite promising, and of which we may speak at some future time. Our remarks must necessarily be brief. First, in regard to the DAVIS SEEDLING, which is one of the most profitable and best for general cultivation. It yields well and is of good size; does not rot much; requires a full season to mature. Color light red, white flesh; in shape nearly round. Should be grown largely for a winter potato for market, being far superior to most of the potatoes found in the market at this season of the year. The State of Maine is one of the best in quality, equal to the famous Carter; but, unfortunately, somewhat like it in another respect, being rather unproductive, unless in very rich soils. Shaped somewhat like White Chenango; white outside and in; more liable to rot than the Davis. Very dry and mealy, and of good flavor. Early.

JACKSON WHITE.—A comparatively new variety with us, but quite promising; early and fine; seeming almost, if not quite, equal to the Carter in quality, and far superior in productiveness. Thought by some to be identical with that sort. Worthy of trial.

WHITE CHENANGO.—An old and favorite sort with many, especially for early planting. Has rotted badly for several years past. It is a variety that cannot well be spared, though with us quite unprofitable for winter use.

POGIES.—A dark-colored variety, but really of good quality, and by some preferred to all others. Productive, and generally hardy. Color, blue outside and white inside, when cooked. Will not sell as well as a white potato. Late.

ST. HELENA.—We find this variety quite productive, of fair quality, good size, and with us not inclined to rot. Color, white. Late.

CHURCHILL.—We do not consider this variety worthy of cultivation, though productive. Flesh yellow, white outside. Often sold for State of Maine.

RILEY, DOVER OR WORCESTER SEEDLING.—This old and well-known sort is very fine, nearly equal in quality to the Carter, and more productive, though not by any means so productive as the Davis; not more so than the State of Maine. Color red; in shape nearly round; deep-sunk eyes; white meat. Late.

HILL'S EARLY.—An old variety, not much, if any, earlier than the White Chenango, and of ordinary quality. Should not recommend it. White.

STONE HILL.—Seedling of the above, and a better kind. Not so early, but more productive. Color white.

Vermont Whites.—A very poor variety, raised to considerable extent in the back country. Rots badly. White outside, yellow within. Not worth growing.

Lady Finger.—An old sort, but a poor one; fit only for baking, and not worth growing for that. White.

Black Chenango.—A pretty good potato; keeps remarkably well; seldom rots. Color, outside nearly black, inside purple, which is an objection to it. Yields well. Late.

Mexican.—Handsome white variety; rots badly; should never recommend it.

Lapstone and Fluke Kidney.—Both these sorts we consider worthless. Yellow flesh; yield small, and rot badly. Imported from England two years ago.

Jenny Lind.—Large pink and white sort; quite productive; rather coarse, though raised by many for table use. Late and hardy.

Rhode Island Seedling.—Resembles, and, we think, is identical with, the last named; same color.

Nova Scotia Blue.—This old sort is still pretty good, though it is subject to rot. Yields well. Color blue; white meat.

Long Red.—This variety has somewhat improved, but we do not rank it very high. Has rotted badly.

Peach Blow.—This sort is grown in large quantities for Boston and other markets. It is a potato of passable quality. Red outside and yellow within, when boiled. This sort should be displaced by the Davis, which it resembles somewhat. Yields and keeps well. Late.

Pink Eyes, Calico, Rohan, Irish Cups, Trescott, Veto, and Old Kidney, should all be classed as poor sorts, and unworthy a place even in large fields.

California Red, White Cups, Early Blue, and Cristy, are varieties of fair quality, but unprofitable; and therefore we should not recommend them.

We might speak of many other kinds that we cultivate, but it would be of little interest to the public. Of the many seedlings we have, we are in hopes to get at least one that will be superior to sorts now cultivated. In closing, we would recommend the Davis Seedling as one of the best kinds to raise extensively for the market, for a winter and spring potato. Not because it is of the very best quality, but because it is a *good* eating potato, and possesses all the other good qualities, being productive, hardy, of good size, &c. Next, we would recommend (for those who want a first rate potato, let them cost what they will,) the State of Maine, Carter, Riley or Worcester Seedling, and, perhaps, the Jackson White, after further trial. These comprise the best varieties known to us.

Care should be used in planting, as most persons are liable to seed too high with the State of Maine, and then complain that the potatoes are small. The Carter is unproductive, but fine. For stock feeding we should recommend the Jenny Lind. It is surprising that so many will raise such worthless sorts as Pink Eyes, Vermont Whites, &c., when there are so many

better sorts that will yield as well or better, and bring a third more when they get them to market. May resume the subject at another time.

Yours, respectfully,

J. F. C. Hyde.

PREMIUMS AND GRATUITIES AWARDED.

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| Asparagus.—For the earliest and best, previous to May, to C. S. Holbrook, | $3 00 |
| For the best open culture, to George Everett, | 3 00 |
| For the second best, to Henry Bradlee, | 2 00 |
| Beans.—For the best and earliest peck, to J. Nugent, | 3 00 |
| For the best and earliest Lima, to George Leland, | 3 00 |
| For the best and earliest shell, to J. Nugent, | 3 00 |
| Cabbage.—For the earliest and best, to Josiah Crosby, | 3 00 |
| Carrots.—For the best, to F. Marsh, | 3 00 |
| For the second best, to J. Crosby, | 2 00 |
| Corn.—For the best and earliest sweet, to A. D. Webber, | 3 00 |
| For the second best, to B. Harrington, | 2 00 |
| Cucumbers.—For the best pair under glass, previous to the first Saturday in June, to C. S. Holbrook, | 5 00 |
| For the second best, to James Murray, | 3 00 |
| For the best and earliest, open culture, to B. Harrington, | 3 00 |
| Egg Plants.—For the best display, to Robert Murray, | 3 00 |
| For the second best, to C. S. Holbrook, | 2 00 |
| Lettuce.—For the best six heads, before July, to J. Stone & Son, | 3 00 |
| For the second best, to B. Harrington, | 2 00 |
| Onions.—For the earliest and best, to B. Harrington, | 2 00 |
| Potatoes.—For the best and earliest peck, to T. Smallwood, | 3 00 |
| For the second best, to Josiah Crosby, | 2 00 |
| Peas.—For the best and earliest peck, to J. Nugent, (Dan. O'Rourke,) | 3 00 |
| For the second best, to H. Bradlee, (Prince Albert,) | 2 00 |
| For the best peck of late, to B. Harrington, | 3 00 |
| Rhubarb.—For the largest and best, to J. B. Moore, | 3 00 |
| For the second best, to G. Merriam, | 2 00 |
| Squashes.—For the earliest and best, to B. Harrington, | 3 00 |
| For the best Marrow, to Josiah Stickney, | 3 00 |
| Tomatoes.—For the best and earliest, to J. Nugent, | 3 00 |

GRATUITIES.

| | |
|---|---|
| To Bowen Harrington, exhibitions during the season, | 8 00 |
| To J. Crosby, for forced Lettuce, | 2 00 |
| To J. W. Foster, for Radishes, | 2 00 |
| To C. S. Holbrook, for varieties forced previous to May 1st, | 3 00 |
| To Thomas Page, for Asparagus, | 2 00 |
| To J. B. Moore, for the same, | 1 00 |
| To J. Fisk Allen, for Tomatoes, | 1 00 |
| To J. Breck & Son, for Rhubarb, | 1 00 |

| | |
|---|---|
| To Galvin & Hogan, for the same, | $1 00 |
| To Bowen Harrington, for the same, | 1 00 |
| To James Hyde & Son, for the same, | 1 00 |
| To C. F. Jones, for varieties, | 3 00 |
| To Dr. E. G. Kelley, for Early Kent Peas, | 1 00 |
| To T. Smallwood, for Bassano Beets, | 1 00 |
| To Henry Bradlee, for Burr's Sweet Corn, | 1 00 |
| To H. Bradlee, for Cucumbers, | 2 00 |
| To Thomas Page, for Burr's Sweet Corn, | 1 00 |
| To George N. Comer, for Vegetable Eggs, | 2 00 |
| To Dr. Robert Dixon, for Squash, | 1 00 |
| To Joseph Walker, for Mammoth Squash, | 1 00 |
| To L. E. Caswell, for Mammoth Squash, | 1 00 |
| To F. Marsh, 2d Vol. Hovey's Fruits of America, for new varieties. | |
| To A. D. Williams, for mammoth varieties, | 2 00 |
| To Curtis & Cobb, for new varieties, | 6 00 |

## ANNUAL EXHIBITION REPORT.

The display was not quite equal to some former years, as many of the liberal and extensive contributors were more or less engaged in the order of exercises in carrying out the arrangements of the celebration for the Franklin Statue. Yet the display was good, and exceedingly interesting in the many new and choice varieties for field and the kitchen garden. The Holchus saccharatus, or Chinese Sugar Cane, was shown by several contributors, and we have no doubt in saying that in a few years it will be very extensively cultivated, either for the feeding of stock or for the manufacture of sugar, as it seems to grow and thrive as well as any of the established varieties of corn. It seems to present to the cultivator a new field for large experiments, and we hope to be able to report upon the same being made next season.

Messrs. Stone & Sons of Newton, Josiah Stickney of Watertown, B. V. French of Braintree, F. Marsh of Dedham, John Gordon of Brighton, Henry Bradlee of Medford, J. B. Moore of Concord, John Fussel of Roxbury, were among the largest contributors, and many of the specimens shown were of gigantic size, receiving the highest encomiums of praise.

Messrs. Hyde & Son offered a large collection of potatoes, (67 varieties,) explaining on their cards their relative value for culture; also, some very fine improved King Philip corn, of this year's growth, and quite ready for the mill. Messrs. Burr offered in their collection their improved sweet corn, of fine size, uniform, and from 16 to 18 rows on the cob; it is generally considered one of the finest varieties of sweet corn in cultivation. M. & C. French offered a fine display of selected Canada corn. J. Reynolds of Jamaica Plain, three mammoth squashes, the product of one vine, viz: 116, 101 and 97 lbs. each. S. A. Merrill of Salem, mammoth squash, 122 lbs, with a collection of other varieties. J. C. Hovey of Cambridge, a fine collection of squashes, among which was the Turburn, rich with its golden hues. George N. Comer of Auburndale, made a decided hit in his display,

with his nest of vegetable eggs. J. P. & F. Rand, Roxbury, magnificent grown sweet potatoes, from slips since the 6th of June. Dr. John Ware, Weston, seed and stalk of Colza, or the French Oil plant.* T. W. Walker, Waltham, Jona. French, Roxbury, James Murray, Roxbury, fine specimens of large purple egg plants. E. S. Erland, specimen wheat from California. Bowen Harrington, Lexington, a prominent collection, crowned with rich yellow pumpkins, though not up to mammoth size.

PREMIUMS AND GRATUITIES AWARDED.

| | |
|---|---|
| Best Display.—To J. Stone & Sons, | $15 00 |
| For the second best, to B. V. French, | 10 00 |
| For the third best, to J. B. Moore, | 8 00 |
| For the fourth best, to Josiah Stickney, | 6 00 |
| For the fifth best, to J. Fussell, | 4 00 |
| To H. Bradlee, for new variety, (Early Round Parsnip), | 5 00 |
| Cabbage.—For the best three heads of Drumhead, to J. Stickney, | 4 00 |
| For the second best, to B. V. French, | 3 00 |
| For the third best, to G. N. Comer, | 1 00 |
| Musk Melons.—For the best three Christiana or Greenflesh, to J. Gordon, Greenflesh, | 3 00 |
| For the second best, to J. Stickney, for Greenflesh, | 2 00 |
| For the third best, to F. Marsh, for Christiana, | 1 00 |
| Water Melons.—For the best, not less than two, to J. Gordon, for Black Spanish, | 3 00 |
| No others awarded. | |
| Mammoth Squashes.—For the largest and best, to G. Reynolds, the Society's silver medal. | |
| For the second best, to G. Reynolds, | 3 00 |
| Mammoth Pumpkins.—None exhibited. | |

GRATUITIES.

To J. Hyde & Son, for collection of potatoes, 1 vol. Hovey's Fruits of America. (See p. 33.)

To A. Bowditch, for Burr's improved sweet corn, from seed planted since July 6th, one copy of Allen's Victoria Regia.

To Messrs. Burr, for collection, one copy " " "

To F. Marsh, for the same, " " " "

To T. Smallwood, for collections, one copy of Colman's Agriculture.

To B. Harrington, for collections, one copy do.

To J. Murray, " " "

To J. P. & F. Rand, for sweet potatoes, Society's silver medal.

To Henry Bradlee, for collection, " "

To T. Page, for fine varieties of potatoes, " "

To G. N. Comer, for collection, " "

To M. & C. French, for improved Canada corn, Society's silver medal.

* His Letter on the subject is appended to this Report.

| | |
|---|---|
| To J. C. Hovey, for fine squashes, | $5 00 |
| To F. Dana, State of Maine potatoes, Appleton bronze medal. | |
| To Mr. Prince, for Iowa melon, " " " | |
| To E. Holden, for Club gourds, " " " | |
| To W. H. Sumner, for collection, " " " | |
| To S. A. Merrill, for squashes, one year's subscription to Hovey's Magazine, from January 1, 1857. | |
| To E. C. Stevens, for collection, the same. | |
| To J. Bumstead, " " | |
| To S. A. Merrill, for mammoth squash, | 2 00 |
| To J. French, for egg plants and celery, | 2 00 |
| To J. Hyde & Son, for King Philip corn, | 2 00 |
| To S. Austin, for melons, | 2 00 |
| To S. Austin, for collection, | 2 00 |
| To J. Stone & Sons, for basket of vegetables, | 2 00 |
| To T. W. Walker, for egg plants, | 2 00 |
| To M. H. Simpson, for mammoth tomatoes, | 2 00 |
| To Messrs. Burr, for Chinese yam (Dioscorea batatas), | 1 00 |
| To Hovey & Co. for the same, | 1 00 |
| To B. Harrington, for Chinese sugar cane, | 1 00 |
| To Botanic Garden, for the same, | 1 00 |
| To J. Hyde & Son, for the same, | 1 00 |
| To A. W. Copenhagen, for the same, | 1 00 |
| To C. Merrill, for the same, | 1 00 |
| To G. A. Smith, for the same, | 1 00 |
| To G. C. Lord, for frame cucumbers, | 1 00 |
| To J. Mason, for collection of tomatoes, | 1 00 |
| To Miss S. Carter, for vegetable eggs, | 1 00 |
| To G. Miller, for Club gourd, | 1 00 |
| To B. Spindler, for collection, | 1 00 |
| To J. M. Whittemore, for crookneck squash, | 1 00 |
| To W. J. Underwood, for Champion of England peas, | 1 00 |
| To J. Gordon, for squashes, | 1 00 |
| To J. B. Moore, for melons, | 1 00 |
| To A. Hall, for club gourds, | 1 00 |
| To W. Rawson, for brace of melons, | 1 00 |
| To J. Murray, for egg plants, | 1 00 |
| To M. Davis, for Davis seedling potatoes, | 1 00 |
| To J. W. Parkhurst, for club gourd, | 1 00 |
| To Miss Riddle, for yellow tomatoes, | 1 00 |
| To J. Crosby, for celery and drumhead cabbage, | 1 00 |
| To T. Page, for cauliflower, | 1 00 |
| To E. M. Richards, for fancy gourds, | 1 00 |
| To E. M. Richards, for Christiana melons, | 1 00 |
| To B. Dennis, for cauliflower, | 1 00 |

For the Committee,

D. T. Curtis, *Chairman.*

(Auburndale,) Weston, Sept. 19, 1856.

Dear Sir:—I send to the Horticultural Exhibition a specimen of the Colza, grown on my farm in Weston. It did not occur to me till visiting the Hall, that many might be interested in seeing it, or I should have sent it earlier.

This plant (it may not be generally known in this country,) has become of great importance abroad, as furnishing, probably, the best oil in the world for illuminating purposes. In certain districts, its cultivation is regarded as only second in importance to that of the necessaries of life. Its introduction into this country is looked upon by many good judges as worthy the earnest efforts of agriculturists.

I have abundance of the seed, which I shall be happy to furnish to any who may want to try its cultivation.

I am, very truly yours,

John Ware.

## REPORT OF THE COMMITTEE OF ARRANGEMENTS

### For the 28th Annual Exhibition.

The Committee of Arrangements having in charge the Twenty-Eighth Annual Exhibition make the following Report:

The Exhibition of the year 1856 was held in the Music Hall, and was superior in many respects, but in general view not equal to some of our former exhibitions.

The display of grapes, vegetables in particular, was limited, but the display of pears, (including many new varieties,) apples and cut flowers, more than made up the deficiency. Of the various productions it is not necessary here to enumerate, as notices of superior specimens are contained in the reports of the several Committees.

Your Committee would recommend to the Society, and also to their successors in office, the propriety of dispensing entirely (in case the exhibitions should be held in a hall) with decorations, other than plants or flowers. Let the interest of our exhibitions depend on the merits of the various productions, thereby reducing our expenditures twenty-five per cent.

The great expense attending the past Exhibition was deemed necessary in order to offer greater attractions to the thousands of strangers who were expected to throng the city during the inauguration of the Franklin statue.

The receipts and expenditures are as follows:—

| | | |
|---|---|---|
| Amount received by sale of tickets, . . . | | $2,408 63 |
| Amount expended as per vouchers in hands of the Treasurer, . . . | $2,393 38 | |
| Amount paid W. R. Austin, ("Treasurer,") | 15 25 | |
| | | $2,408 63 |

All of which is respectfully submitted,

F. Lyman Winship, *Chairman.*

# SCHEDULE OF PRIZES

## FOR 1857.

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Boston, January 3, 1857.

The Committee for establishing Prizes respectfully submit and recommend the following Schedule of Prizes for the year 1857.

For the Committee,

EBEN. WIGHT,

Chairman Committee for Establishing Premiums.

*Approved by the Executive Committee.*

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### AMOUNT OF PRIZES.

| | |
|---|---|
| Prospective Prizes, | $750 00 |
| For Gardens, Greenhouses, &c. | 200 00 |
| For Fruits, | 750 00 |
| For Plants, Flowers and Designs, | 750 00 |
| For Floral Designs, at the Annual Exhibition, | 62 00 |
| For Vegetables, | 300 00 |
| | $2812 00 |

### PRIZES FOR GARDENS, GREENHOUSES, &c.

AMOUNT APPROPRIATED, TWO HUNDRED DOLLARS.

| | |
|---|---|
| For the most economically managed, best cultivated, and most neatly kept Garden or Grounds, through the season, | $20 00 |
| For the second best, | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Fruit Garden, through the season, | 20 00 |
| For the second best, | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Flower Garden, through the season, | 20 00 |
| For the second best, | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Vegetable Garden, through the season, | 20 00 |
| For the second best, | 10 00 |
| **Amount carried forward,** | $120 00 |

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| Amount brought forward, . . . | $120 00 |
| For the best managed, most economically conducted, and well kept Greenhouse, through the season, . . . | 20 00 |
| For the second best, . . . . . | 10 00 |
| For the best managed, most economically conducted, and well kept Grapery, through the season, with or without fire heat, . . . . . | 20 00 |
| For the second best, . . . . . | 10 00 |
| For the best managed Cemetery, as to its keeping in accordance with the true principles of beauty and art, . . | 20 00 |
| | $200 00 |

RULES AND REGULATIONS.

1st. All applications for a visit must be made to the Chairman on or before the 1st of July.

2d. No Fruit Garden or Grounds of less than one acre (and this well stocked and under fine cultivation,) can occupy the time of the Commitee.

3d. No *farm* will be visited, unless there should be connected with it a fine Fruit Garden, Vegetable Garden, Flower Garden, Greenhouse, or Graperies, in which case these *alone* will be examined.

4th. It shall be the duty of the Committee to select from the applications those which may seem most deserving of notice, and to visit as many places, and as often, as they may deem expedient and necessary.

5th. In making all examinations, the utmost regard must be paid to economy and general thrift; in cases, however, of pleasure, landscape, or fancy grounds, more allowance must be made for taste and design, and a gratuity or complimentary notice may be made at the discretion of the Committee.

6th. No place will be visited officially, with reference to an award, without a written invitation.

7th. All visits will be conducted without previous notice to the owner, and if made out of season, or under unfavorable circumstances, due allowance will be made.

8th. No person shall be a competitor for the highest prize for more than two years out of seven.

9th. The Committee may, at their discretion, give gratuities or substitute gratuities for prizes, in either case which may best serve the objects of the Society, and meet special cases, always of course within the limits of the appropriation.

10th. Competitors for the prizes shall furnish to the Committee, if required, a written statement of their mode of cultivation, quantity and kind of manure applied, amount of labor, including their own, and other particulars called for, under the penalty of a forfeiture of such prize if withheld.

11th. The expenses of the Committee shall be paid by the Society, and a record shall be kept by the Chairman of all places visited.

## PRIZES FOR FRUITS DURING THE SEASON.

AMOUNT APPROPRIATED, SEVEN HUNDRED AND FIFTY DOLLARS.

☞ The Prizes and Gratuities will be awarded on the following days:

For Cherries, forced Grapes, forced Peaches and Strawberries, on the last Saturday in July.

For Summer Apples, Apricots, Blackberries, Currants, Gooseberries, Summer Pears, and Raspberries, on the last Saturday in August.

For Foreign and Native Grapes, Nectarines, Peaches, Plums, and Musk Melons, on the last Saturday in October.

For Autumn Apples, Figs, Autumn Pears, and Quinces, on the last Saturday in November.

For Winter Apples, Winter Pears, New Pears, and for the "Exhibition during the season," on the third Saturday in December.

☞ Competitors for Prizes are particularly referred to the Rules and Regulations, which will be strictly adhered to by the Committee.

| | |
|---|---|
| For the best and most interesting exhibition of Fruits during the season, the Lowell plate, valued at . . . | $15 00 |
| For the second best, . . . . . | 10 00 |
| For the third best, . . . . . | 7 00 |
| APPLES.—For the best twelve Summer Apples, on or before the last Saturday in August, . . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| For the best twelve Autumn Apples, on or before the last Saturday in November, . . . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| For the best twelve Winter Apples, on or before the third Saturday in December, . . . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| APRICOTS.—For the best twelve, on or before the last Saturday in August, . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| BLACKBERRIES.—For the best specimens, not less than two boxes, | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| For the fourth best, . . . . . | 2 00 |
| CHERRIES.—For the best specimens, not less than two boxes, . | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Amount carried forward, . . . . | $90 00 |

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|---|---|
| Amount brought forward, | $90 00 |
| Currants.—For the best specimens, not less than two boxes, | 3 00 |
| For the second best, | 2 00 |
| Figs.—For the best twelve specimens, | 3 00 |
| For the second best, | 2 00 |
| Gooseberries.—For the best specimens, not less than two boxes, | 3 00 |
| For the second best, | 2 00 |
| Grapes.—For the best specimens grown under glass, on or before the first Saturday in July, | 8 00 |
| For the second best, | 6 00 |
| For the third best, | 4 00 |
| For the best specimens grown under glass subsequently to the first Saturday in July, | 8 00 |
| For the second best, | 6 00 |
| For the third best, | 4 00 |
| For the best specimens of Native Grapes, | 6 00 |
| For the second best, | 5 00 |
| For the third best, | 4 00 |
| For the fourth best, | 3 00 |
| For the fifth best, | 2 00 |
| Melons.—For the best Musk Melon grown under glass, on or before the last Saturday in July, | 3 00 |
| For the best Musk Melon, open culture, on or before the last Saturday in September, | 2 00 |
| For the best Water Melon on or before the last Saturday in September, | 2 00 |
| Nectarines.—For the best twelve specimens, | 3 00 |
| For the second best, | 2 00 |
| Peaches.—For the best twelve specimens, grown under glass, on or before the second Saturday in July, | 5 00 |
| For the second best, | 3 00 |
| For the best twelve specimens, grown in open culture, | 5 00 |
| For the second best, | 4 00 |
| For the third best, | 3 00 |
| For the fourth best, | 2 00 |
| Pears.—For the best collection, not exhibited before this year, with a written description of the same, the Society's plate, | 10 00 |
| For the second best, | 6 00 |
| For the best twelve Summer Pears, on or before the last Saturday in August, | 5 00 |
| For the second best, | 3 00 |
| For the third best, | 2 00 |
| For the best twelve Autumn Pears, on or before the last Saturday in November, | 5 00 |
| For the second best, | 3 00 |
| For the third best, | 2 00 |
| Amount carried forward, | $231 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $231 00 |
| For the best twelve Winter Pears, on or before the third Saturday in December, . . . . . | 6 00 |
| For the second best, . . . . . | 5 00 |
| For the third best, . . . . . | 4 00 |
| For the fourth best, . . . . . | 3 00 |
| PLUMS.—For the best specimens, not less than two boxes, . | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| QUINCES.—For the best twelve specimens, . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| RASPBERRIES.—For the best specimens, not less than two boxes, | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| STRAWBERRIES.—For the best specimens, not less than two boxes, | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| For the fourth best, . . . . . | 2 00 |

## PRIZES FOR FRUITS.

*To be awarded during the Annual Exhibition.*

| | |
|---|---|
| APPLES.—For the best thirty varieties, of twelve specimens each, the Lyman plate, valued at . . . . | $20 00 |
| For the second best, . . . . . | 15 00 |
| For the third best, . . . . . | 12 00 |
| For the best twenty varieties, of twelve specimens each, . | 15. 00 |
| For the second best, . . . . . | 12 00 |
| For the third best, . . . . . | 8 00 |
| For the best ten varieties, of twelve specimens each, the Society's plate, valued at . . . . . | 10 00 |
| For the second best, . . . . . | 8 00 |
| For the third best, . . . . . | 6 00 |
| For the fourth best, . . . . . | 4 00 |
| For the best five varieties, of twelve specimens each, . . | 8 00 |
| For the second best, . . . . . | 5 00 |
| For the third best, . . . . . | 3 00 |
| For the best dish of Apples, twelve specimens of one variety, . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| For the fourth best, . . . . . | 2 00 |
| PEARS.—For the best thirty varieties, of twelve specimens each, the Lyman plate, valued at . . . . | 20 00 |
| Amount carried forward, . . . . | $446 00 |

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|---|---|
| Amount brought forward, | $446 00 |
| For the second best, | 15 00 |
| For the third best, | 12 00 |
| For the best twenty varieties, of twelve specimens each, | 15 00 |
| For the second best, | 12 00 |
| For the third best, | 8 00 |
| For the best ten varieties, of twelve specimens each, the Society's plate, valued at | 10 00 |
| For the second best, | 8 00 |
| For the third best, | 6 00 |
| For the fourth best, | 4 00 |
| For the best dish of Pears, twelve specimens of one variety, | 5 00 |
| For the second best, | 4 00 |
| For the third best, | 3 00 |
| For the fourth best, | 2 00 |
| PEACHES.—For the largest and best collection, of not less than four varieties, | 5 00 |
| For the second best, | 4 00 |
| For the third best, | 3 00 |
| For the fourth best, | 2 00 |
| PLUMS.—For the largest and best collection, of not less than four varieties, | 5 00 |
| For the second best, | 4 00 |
| For the third best, | 3 00 |
| For the fourth best, | 2 00 |
| ASSORTED FRUIT.—For the best basket of Fruit, of various kinds, | 10 00 |
| For the second best, | 8 00 |
| For the third best, | 6 00 |
| For the fourth best, | 5 00 |
| For the fifth best, | 4 00 |
| For the sixth best, | 3 00 |
| GRAPES.—For the best five varieties, two bunches each, | 10 00 |
| For the second best, | 8 00 |
| For the third best, | 6 00 |
| For the fourth best, | 4 00 |
| For the best two varieties, two bunches each, | 5 00 |
| For the second best, | 4 00 |
| For the third best, | 3 00 |
| For the fourth best, | 2 00 |
| For the largest and best collection, not less than six varieties, | 10 00 |
| For the second best, | 8 00 |
| For the third best, | 6 00 |
| For the fourth best, | 4 00 |
| GRAPES, NATIVE.—For the best specimens, | 5 00 |
| For the second best, | 4 00 |
| Amount carried forward, | $696 00 |

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|---|---|
| Amount brought forward, . . . . | $696 00 |
| For the third best, . . . . . | 3 00 |
| For the fourth best, . . . . . | 2 00 |
| Gratuities to be awarded in Publications, . . . | 49 00 |
| | $750 00 |

## PRIZES FOR PLANTS, FLOWERS, BOUQUETS AND DESIGNS.

AMOUNT APPROPRIATED, SEVEN HUNDRED AND FIFTY DOLLARS.

Camellias.—Prizes to be awarded first Saturday in February.

| | |
|---|---|
| For the best twelve varieties of cut flowers with foliage, a prize of . . . . . | $8 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 4 00 |

Greenhouse Azaleas.—Prizes to be awarded second Saturday in February,

| | |
|---|---|
| For the best six varieties, in pots, . . . . | 10 00 |
| For the second best, . . . . . | 8 00 |
| For the third best, . . . . . | 6 00 |
| | $42 00 |

### Opening of the Hall.

Prizes for displays of Greenhouse Plants in Pots, and for Cut Flowers, to be awarded at the opening of the Hall, on the second Saturday in May.

| | |
|---|---|
| Pelargoniums.—For the best six varieties, grown in pots, a premium of . . . . . | $8 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 4 00 |
| Fuchsias.—For the best six varieties, in pots, . . . | 8 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 4 00 |
| Calceolarias.—For the best six varieties, . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Cinerarias.—For the best six varieties, . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Heaths.—For the best varieties, . . . . . | 10 00 |
| For the second best, . . . . . | 8 00 |
| For the third best, . . . . . | 6 00 |
| Epacris.—For the best varieties, . . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Amount carried forward, . . . . | $132 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $132 00 |
| GREENHOUSE PLANTS.—For the best display of not less than ten pots, regard to be had to new and rare varieties, and well grown specimens, a prize of . . . . | 15 00 |
| For the second best, . . . . . | 12 00 |
| For the third best, . . . . . | 10 00 |
| For the fourth best, . . . . . | 8 00 |
| CUT FLOWERS.—For the best display, a prize of, . . . | 6 00 |
| For the second best, . . . . . | 5 00 |
| For the third best, . . . . . | 4 00 |
| For the fourth best, . . . . . | 3 00 |
| For the fifth best, . . . . . | 2 00 |
| HYACINTHS.—For the best display, not less than ten varieties, . | 4 00 |
| For the second best, . . . . . | 3 00 |

*Prizes to be awarded at the Weekly Exhibitions during the Season.*

| | |
|---|---|
| TULIPS.—Prizes to be awarded the third Saturday in May. | |
| For the best twenty distinct varieties, a prize of . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| PANSIES.—Prizes to be awarded fourth Saturday in May. | |
| For the best twelve distinct varieties, in pots, a prize of . | 6 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| HAWTHORNS.—Prizes to be awarded fourth Saturday in May. | |
| For the best display, a prize of . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| HARDY AZALEAS.—Prizes to be awarded fourth Saturday in May. | |
| For the best display, a prize of . . . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| SHRUBBY PEONIES.—Prizes to be awarded fourth Saturday in May. | |
| For the best six varieties, a prize of . . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| HERBACEOUS PEONIES.—Prizes to be awarded second Saturday in June. | |
| For the best ten varieties, . . . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| AQUILEGIAS.—Prizes to be awarded second Saturday in June. | |
| For the best display, a prize of . . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Amount carried forward, . . . . | $281 00 |

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|---|---|
| Amount brought forward, . . . . | $281 00 |
| Pinks.—Prizes to be awarded third Saturday in June. | |
| For the best six distinct varieties, a prize of . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Herbaceous Plants.—Prizes to be awarded third Saturday in June. | |
| For the best display, a prize of . . . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 2 00 |
| Hardy Roses.—Prizes to be awarded third Saturday in June. | |
| Class I. | |
| For the best thirty distinct varieties, a prize of . . . | 8 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 4 00 |
| For the fourth best, . . . . . | 3 00 |
| Class II. | |
| For the best twenty distinct varieties, a prize of . . | 7 00 |
| For the second best, . . . . . | 6 00 |
| For the third best, . . . . . | 4 00 |
| Class III. | |
| For the best twelve distinct varieties, a prize of . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| Class IV. | |
| Hardy Perpetual Roses.—Prizes to be awarded first Saturday in September. | |
| For the best ten varieties, a prize of . . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| Climbing Roses.—Prizes to be awarded fourth Saturday in June. | |
| For the best display, not less than four varieties, a prize of . | 5 00 |
| For the second best, not less than four, . . . | 4 00 |
| For the third best, not less than four, . . . . | 3 00 |
| Spireas.—Prizes to be awarded second Saturday in June. | |
| For the best display, a prize of . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| Summer Phloxes.—Prizes to be awarded second Saturday in July. | |
| For the best ten distinct varieties, . . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| Carnations and Picotee Pinks.—Prizes to be awarded third Saturday in July. | |
| For the best ten varieties, a prize of . . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| Amount carried forward, . . . . | $404 00 |

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|---|---|
| Amount brought forward, . . . . | $404 00 |
| HARDY RHODODENDRONS.—For the best display of the season, a prize of . . . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| HOLLYHOCKS.—Prizes to be awarded third Saturday in July. | |
| For the best twelve varieties in spikes, a prize of . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 2 00 |
| DOUBLE BALSAMS.—Prizes to be awarded second Saturday in August. | |
| For the best eight varieties, in spikes, a prize of . . | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| PHLOXES.—Prizes to be awarded third Saturday in August. | |
| For the best ten distinct varieties, a prize of . . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| PETUNIAS.—Prizes to be awarded third Saturday in August. | |
| For the best collection, a prize of . . . . | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| ANNUALS.—Prizes to be awarded third Saturday in August. | |
| For the best display, a prize of . . . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| ANTIRRHINUMS.—Prizes to be awarded second Saturday in June. | |
| For the best display, a prize of . . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| GERMAN ASTERS.—Prizes to be awarded first Saturday in September. | |
| For the best thirty flowers, not less than ten varieties, . . | 5 00 |
| For the second best, . . . . . | 4 00 |
| For the third best, . . . . . | 3 00 |
| For the fourth best, . . . . . | 2 00 |
| STOCKS.—Prizes to be awarded first Saturday in September. | |
| For the best eighteen spikes, not less than six varieties, . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| DAHLIAS.—Prizes to be awarded fourth Saturday in September. | |
| CLASS I. | |
| *Premier Prize*—For the best twelve dissimilar blossoms, a prize of . . . . . | 8 00 |
| *Specimen Bloom.*—For the best flower, . . . | 2 00 |
| Amount carried forward, . . . . | $515 00 |

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|---|---|
| Amount brought forward, . . . . | $515 00 |
| *Various Colors.*—For the best yellow; variegated; maroon; crimson; very dark; white; edged or tipped; scarlet; striped; a prize of $1 each, . . . . | 9 00 |
| CLASS II. | |
| For the best twenty-four dissimilar blooms, . . . | 8 00 |
| For the second best, . . . . . | 5 00 |
| CLASS III. | |
| For the best eighteen dissimilar blooms, . . . | 6 00 |
| For the second best, . . . . . | 4 00 |
| CLASS IV. | |
| For the best six dissimilar blooms, a prize of . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| VERBENAS.—Prizes to be awarded the last Saturday in August. | |
| For the best collection, a prize of . . . . | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 2 00 |
| For the best new seedling, with foliage, the Society's silver medal. | |

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## POT PLANTS, CUT FLOWERS, BOUQUETS AND DESIGNS.

*Prizes to be awarded at the Annual Exhibition.*

| | |
|---|---|
| BOUQUETS.—For the best pair, suitable for the Bradlee Vases, a prize of the Bradlee plate, valued at . . . | $10 00 |
| For the best pair, suitable for the Jones vases, a prize of . | 10 00 |
| For the best pair, suitable for the Society's vases, . . | 6 00 |
| PARLOR BOUQUETS.—For the best pair, a prize of . . . | 8 00 |
| For the second best, . . . . . | 7 00 |
| For the third best, . . . . . | 6 00 |
| For the fourth best, . . . . . | 5 00 |
| For the fifth best, . . . . . | 4 00 |
| For the sixth best, . . . . . | 3 00 |
| CUT FLOWERS.—For the best display, and best kept during the exhibition, a prize of . . . . . | 15 00 |
| For the second best, . . . . . | 12 00 |
| For the third best, . . . . . | 10 00 |
| For the fourth best, . . . . . | 8 00 |
| For the fifth best, . . . . . | 6 00 |
| POT PLANTS.—For the best display, of not less than twenty pots, a prize of . . . . . | 25 00 |
| For the second best, . . . . . | 20 00 |
| Amount carried forward, . . . | $719 00 |

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|---|---|
| Amount brought forward, | $719 00 |
| For the third best, | 15 00 |
| For the fourth best, | 12 00 |
| For the fifth best, | 10 00 |
| For the best specimen plant, | 10 00 |
| For the second best, | 8 00 |
| For the third best, | 6 00 |
| For the fourth best, | 4 00 |
| Coxcombs.—For the best six, in pots, a prize of | 3 00 |
| For the second best, | 2 00 |
| Balsams.—For the best six pots, a prize of | 3 00 |
| For the second best, | 2 00 |
| | $794 00 |

## FLORAL DESIGNS OR DECORATIONS.

*Subject to Articles Nos. 6 and 14 in the Rules and Regulations.*

| | |
|---|---|
| For the best, | 20 00 |
| For the second best, | 15 00 |
| For the third best, | 10 00 |
| For the fourth best, | 8 00 |
| For the fifth best, | 5 00 |
| For the sixth best, | 4 00 |
| | $62 00 |

## PRIZES FOR VEGETABLES.

AMOUNT APPROPRIATED, THREE HUNDRED DOLLARS.

| | |
|---|---|
| Asparagus.—For the earliest and best, previous to the first Saturday in May, not less than two bunches, | 3 00 |
| For the second best, | 2 00 |
| For the best open culture, not less than four bunches, | 3 00 |
| For the second best, | 2 00 |
| Beets.—For the best (pure blood beet,) not less than twelve roots, a prize of | 4 00 |
| For the second best, | 3 00 |
| For the third best, | 2 00 |
| For the best Summer, previous to first Saturday in August, | 4 00 |
| For the second best, | 3 00 |
| For the third best, | 2 00 |
| Beans.—For the best and earliest peck of string beans, a prize of | 3 00 |
| For the best and earliest Lima beans, not less than two quarts, | 3 00 |
| For the second best, | 2 00 |
| For the best and earliest variety of shell beans, | 3 00 |
| Amount carried forward, | $39 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $39 00 |
| CABBAGES.—For the earliest and best, not less than three heads, a prize of . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| For the best Savoy cabbage, not less than three heads, a prize of | 3 00 |
| For the second best, . . . . . | 2 00 |
| CARROTS.—For the best, not less than twelve roots, previous to first Saturday in August, . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| CAULIFLOWERS.—For the best and largest, during the season, not less than three heads, a prize of . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| CELERY.—For the largest and best blanched, not less than six roots, a prize of . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| CORN.—For the earliest and best sweet corn, not less than twelve ears, a prize of . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| CUCUMBERS.—For the best pair under glass, previous to the first Saturday in June, a prize of . . . . | 5 00 |
| For the second best, . . . . . | 3 00 |
| For the best and earliest of open culture, . . . | 3 00 |
| EGG PLANTS.—For the best display during the season, a prize of | 3 00 |
| For the second best, . . . . . | 2 00 |
| LETTUCE.—For the best six heads, before the first Saturday in July, a prize of . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| ONIONS.—For the earliest and best three bunches, . . | 2 00 |
| POTATOES.—For the best and earliest peck, previous to August 1, | 3 00 |
| For the second best, . . . . . | 2 00 |
| PEAS.—For the best and earliest peck in June, a prize of . | 3 00 |
| For the second best, . . . . . | 2 00 |
| For the best peck of late, . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| RHUBARB.—For the largest and best, previous to the first Saturday in July, not less than twelve stalks, a prize of . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| SQUASHES.—For the earliest and best, a prize of . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| For the best Marrow during the season, . . . | 3 00 |
| TOMATOES.—For the best and earliest, not less than one dozen, . | 3 00 |
| VEGETABLES.—For the best display and greatest variety at the weekly exhibitions, during the season, . . . | 10 00 |
| For the second best, . . . . . | 6 00 |
| Amount carried forward, . . . . | $142 00 |

*To be awarded at the Annual Exhibition.*

| | |
|---|---|
| Amount brought forward, . . . . | $142 00 |
| For the best display and greatest variety, . . . | 15 00 |
| For the second best, . . . . . | 10 00 |
| For the third best, . . . . . | 8 00 |
| For the fourth best, . . . . . | 6 00 |
| For the fifth best, . . . . . | 4 00 |
| For any new variety of vegetable suitable for the table, and worthy of cultivation, other than seedling potatoes, . | 5 00 |
| CAULIFLOWER.—For the best, not less than three heads, . . | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 1 00 |
| CABBAGE.—For the best Drumhead, not less than three heads, . . | 4 00 |
| For the second best, . . . . . | 3 00 |
| For the third best, . . . . . | 1 00 |
| MUSK MELONS, Christiana or Greenflesh.—For the best, not less than three, . . . . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| For the third best, . . . . . | 1 00 |
| WATER MELONS.—For the best, not less than two, . . | 3 00 |
| For the second best, . . . . . | 2 00 |
| For the third best, . . . . . | 1 00 |
| MAMMOTH SQUASH.—For the largest and best—Silver medal. | |
| For the second best, . . . . . | 3 00 |
| PUMPKINS.—For the best—Medal. | |
| For the second best, . . . . . | 3 00 |
| For Gratuities to be awarded in publications, &c. . . | 76 00 |
| | $300 00 |

# RULES AND REGULATIONS.

1. All Fruits, Flowers and Vegetables, offered for Prizes, are to be grown by the competitors.

2. Articles exhibited for Prizes must be placed in the Stands by 11 o'clock, A. M.

3. Contributors of Fruits, for exhibition or Prizes, are requested to present the same in dishes or baskets of the Society, or in suitable baskets or boxes of their own.

4. All contributors exhibiting Plants, Flowers, Fruits, or Vegetables, *who desire a full report of the same*, are requested to hand a list to the Chairman of the respective Committees.

5. After the articles are arranged, they will be under the exclusive charge of the Committees, and *not even the owners* will have liberty to *remove* or *touch* them until the exhibition is closed, when they will be delivered as the contributors may direct.

6. No Flower, Fruit, Vegetable or Design will be entitled to a Prize unless it possesses points of superiority; and the Committees have the discretionary power of withholding Prizes, if, in their opinion, the articles exhibited do not merit them.

7. Plants in Pots, to be entitled to Prizes, must evince skilful culture, in the profusion of bloom, and the beauty, symmetry, and vigor of the specimens.

8. Successful competitors will be expected to furnish remarks on their mode of cultivation, *if peculiar;* and candidates for the Fruit Prizes will be required to present specimens for trial.

9. No article, for which a prize has been once awarded, can receive another during the season.

10. The Committee are authorized to award Gratuities for any new or rare Fruits, Flowers, Vegetables, Plants, or Designs of merit, and for which no Prize has been offered.

11. The Fruit Committee, in making their awards, will consider the flavor, beauty, and size of the specimens; and each of these properties as compared with a fair standard of the variety.

12 In deciding on the merits of a Fruit or Vegetable, its value for general cultivation will be taken into account; but *superior* specimens of any good variety will not be excluded from Prizes, even though they may not flourish in all situations.

13. When specimens are presented for a *name*, the exhibitor shall communicate all the information he possesses, as to the *origin* and the *local* appellation.

14. It will be the duty of the Committees to *exclude from Exhibition all*

*inferior specimens.* Also, all such *Designs* as, in their opinion, evince an incorrect taste.

15. The Committee have power to change the time of exhibition for any article, if an earlier or later season renders such change necessary, by giving seasonable notice thereof to the Society.

16. All Prizes, not applied for within one year from the time of award, shall revert to the Society for its own use and benefit.

17. No member of any of the Committees for awarding Premiums or Gratuities, shall, in any case, vote or decide respecting an award for which such member may be a competitor, or therein have an interest; but in such case such member or members shall temporarily vacate his place upon the Committee, such vacancy for the time being to be supplied by the remaining members of the Committee.

18. In order to afford the Committees an opportunity to examine and report on the articles exhibited, no other person can be admitted to, or remain in, the Hall, between the hours of eleven and a half, and twelve o'clock, on the days of exhibition,

19. The Society's Premiums are open for members only.

20. Premiums can be awarded only to exhibitors who have complied with the published Rules and Regulations.

☞ The foregoing Schedule of Prizes, having received the approval of the Executive Committee, and the Regulations confirmed by a vote of the Society, is now published as the List of Prizes for the current year.

*Boston, January,* 1857.

JOS. S. CABOT, *President.*

F. LYMAN WINSHIP, *Recording Secretary.*

## ACT OF INCORPORATION.

## Commonwealth of Massachusetts.

In the Year of Our Lord One Thousand Eight Hundred and Twenty-nine.

# AN ACT

TO INCORPORATE THE MASSACHUSETTS HORTICULTURAL SOCIETY.

SECTION 1. *Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same.* That ZEBEDEE COOK, Jr., ROBERT L. EMMONS, WILLIAM WORTHINGTON, B. V. FRENCH, JOHN B. RUSSELL, J. R. NEWELL, CHEEVER NEWHALL and THOMAS G. FESSENDEN, their associates and successors, be and they hereby are incorporated under the name and by the description of the Massachusetts Horticultural Society, for the purpose of encouraging and improving the science and practice of Horticulture, and promoting the amelioration of the various species of trees, fruits, plants, and vegetables, and the introduction of new species and varieties; with power to make by-laws not inconsistent with the Laws of the Commonwealth, for the regulation of said Society, and the management of the same and of its concerns; to receive donations, bequests and devises for promoting the objects of said Society; to lay and collect assessments on the Members, not exceeding two dollars per annum; to enforce the payment of such assessments by action for the same; to purchase and hold real estate to the amount of ten thousand dollars, and personal estate to the amount of twenty thousand dollars; to elect a Treasurer, Secretary, and other officers—the appointment of which shall be provided for in the by-laws of said Society; the meeting for the election of such officers to be called at the times and in the manner provided in such by-laws; to empower the President, Directors, Comptrollers, Treasurer, Committees, or other Officers or Members, or any Attorneys, Agents, or Representatives of said Society, to transact the business, manage and apply the funds, discharge the functions, and promote the objects thereof; to authorize any of the Members or Officers of said Society to fill vacancies in the various offices of the same that may happen in the intervals between the meetings of the Members for choosing officers; and to commence and defend suits.

SECTION 2. *Be it further enacted,* That in case the said Corporation shall at any time contract debts beyond their means and ability to pay at

the time of contracting the same, the Officers or other Agents of said Corporation so contracting such debts shall be personally liable for the same.

Section 3. *Be it further enacted*, That any member of said Corporation may cease to be a Member thereof, by giving notice to that effect to the President, Treasurer, Secretary, or other Officers, and paying the amount due from him to the Society.

Section 4. *Be it further enacted*, That the first meeting of the Members of said Corporation may be called by any two or more of the persons named in the first section, by giving one week's notice or more, by advertisement in any newspaper printed in Boston.

Section 5. *Be it further enacted*, That this Act may be altered or repealed at the discretion of the Legislature.

In House of Representatives, June 12, 1829.

Passed to be enacted.

WM. B. CALHOUN, *Speaker.*

In Senate, June 12, 1829.

Passed to be enacted.

SAMUEL LATHROP, *President.*

June 12th, 1829.

Approved.

LEVI LINCOLN.

A true Copy of the Original Act.

Attest, EDWARD D. BANGS, *Secretary of the Commonwealth.*

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## AN ACT

IN ADDITION TO AN ACT TO INCORPORATE THE MASSACHUSETTS HORTICULTURAL SOCIETY.

*Be it enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, as follows:*

Section 1. The Massachusetts Horticultural Society are hereby authorized to purchase and hold real estate to the amount of fifty thousand dollars.

Section 2. This act shall take effect from and after its passage. [Approved by the Governor, Feb. 5, 1844.]

# MOUNT AUBURN CEMETERY.

## ACT INCORPORATING THE PROPRIETORS OF MOUNT AUBURN CEMETERY.

SECTION 10. *Be it further enacted, as follows:* First, that the present proprietors of lots in the said Cemetery, who shall become members of the corporation created by this act, shall thenceforth cease to be members of the said Horticultural Society, so far as their membership therein depends on their being proprietors of lots in the said Cemetery. Secondly, that the sales of the Cemetery lots shall continue to be made as fast as it is practicable by the corporation created by this act, at a price not less than the sum of sixty dollars for every lot containing three hundred square feet, and so in proportion for any greater or less quantity, unless the said Horticultural Society, and the corporation created by this act, shall mutually agree to sell the same at a less price. Thirdly, that the proceeds of the first sales of such lots, after deducting the annual expenses of the Cemetery establishment, shall be applied to the extinguishment of the present debts due by the said Horticultural Society on account of the said Garden and Cemetery, and after the extinguishment of the said debts, the balance of the said proceeds, and the proceeds of all future sales, shall annually, on the first Monday in every year, be divided between the said Horticultural Society and the corporation created by this act, in manner following, namely: fourteen hundred dollars shall be first deducted from the gross proceeds of the sales of lots, during the preceding year, for the purpose of defraying the superintendent's salary and other incidental expenses of the Cemetery establishment, and the residue of the said gross proceeds shall be divided between the said Horticultural Society, and the corporation created by this act, as follows, namely: one fourth part thereof shall be received by and paid over to the said Horticultural Society on the first Monday of January of every year, and the remaining three-fourth parts shall be retained and held by the corporation created by this act, to their own use forever. And if the sales of any year shall be less than fourteen hundred dollars, then the deficiency shall be a charge on the sales of the succeeding year or years. Fourthly, the money so received by the said Horticultural Society shall be forever devoted and applied by the said Society to the purposes of an experimental Garden, and to promote the art and science of horticulture

and for no other purpose. And the money so retained by the corporation created by this act, shall be forever devoted and applied to the preservation, improvement, embellishment and enlargement of the said Cemetery and Garden, and the incidental expenses thereof, and for no other purpose whatsoever. Fifthly, a committee of the said Horticultural Society, duly appointed for this purpose, shall, on the first Monday of January of every year, have a right to inspect and examine the books and accounts of the treasurer, or other officer acting as treasurer of the corporation created by this act, as far as may be necessary to ascertain the sales of lots of the preceding year.

# MEMBERS

OF THE

# MASSACHUSETTS HORTICULTURAL SOCIETY.

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A * DENOTES THE MEMBERS AS DECEASED.

## MEMBERS FOR LIFE.

*Adams, Daniel, *Newbury.*
Adams, George E., *Medford.*
Allen, John Fisk, *Salem.*
Amory, Charles, *Boston.*
Amory, James S., "
Andrews, W. T., "
Appleton, Nathan, "
Appleton, Robert, "
*Armstrong, Samuel T., *Boston.*
Aspinwall, Augustus, *Brookline.*
Austin, William R., *Dorchester.*

Barnard, Rev. C. F., *Boston.*
Bartlett, E., *Newburyport.*
Barrows, Thomas, *Dedham.*
Bemis, Amory, *Cambridge.*
Blake, George B., *Brookline.*
Blodgett, J. W., *Boston.*
Bond, George W., *Roxbury.*
Bouvé, Th. T., *Boston.*
Bowditch, A. C., "
Bowditch, J. Ingersoll, *Roxbury.*
Bradford, Samuel D., *W. Roxbury.*
Bradlee, J. B., *Boston.*
*Bradlee, Joseph P., "
Bradlee, Josiah, "
Breed, Andrew, *Lynn.*
Breed, Henry A., "
*Brewer, Eliab Stone, *Roxbury.*
Brewer, Otis, *Roxbury,*
Brewer, Thomas, *Boston.*
Bright, Jona. B., *Waltham.*
Brown, Ebenezer, *Lynn.*
Burr, Fearing, Jr., *Hingham.*
Burr, M. H., "

Cadness, John, *Brighton.*
Carruth, Ch., *Boston.*
Carruth, Nathan, *Dorchester,*
*Chapman, Jona., *Boston.*
Chase, Hezekiah, *Lynn.*
Chase, Hezekiah, *South Boston.*
Chase, Wm. M., *Worcester.*
Clapp, Thaddeus, *Dorchester.*
Cleveland, Ira, *Dedham.*
*Codman, John, D. D., *Dorchester.*
Collamore, G. W., *Boston.*
Comerais, Henry, *Dedham.*
Copeland, R. M'Cleary, *Boston.*
Copeland, R. Morris, *Lexington.*
Courtiss, William, *Marblehead.*
*Crafts, Ebenezer, *Roxbury.*
Crocker, Uriel, *Boston.*
*Crowninshield, George C., *Boston.*
Cummings, John, Jr., "
Cushing, Thomas T., "

Daggett, H. L., *Boston.*

Dana, Ch. B., *Brookline.*
Dana, Nathaniel, "
Decker, Lewis, *Boston.*
Dennie, Daniel, *Dorchester.*
*Denny, George, *Westboro.*
Denny, R. S., *Dorchester.*
Downer, Sam'l, "
Dunklee, John, *Brighton.*
Durfee, F. B., *Fall River.*
*Durfee, Geo. B., "
Durfee, Nathan, "

*Edwards, Elisha, *Springfield.*
Elliot, Samuel A., *Boston.*
Everett, Otis G., "

Fairbanks, H. P., *Charlestown.*
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# BY-LAWS RELATING TO MEMBERSHIP.

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### Sect. XXIV.—*Election of Subscription Members.*

Candidates for Subscription Membership may be proposed at any regular meeting of the Society. And no person shall be elected a member, unless his nomination shall have been duly entered on the records, and his name posted in the Library room for a term of four weeks, at least, previous to his election. All elections shall be by ballot, and three black balls shall exclude the candidate.

### Sect. XXV.—*Honorary and Corresponding Members.*

The Society may, (upon recommendation of the Executive Committee,) elect Honorary and Corresponding Members whenever they may deem it expedient, to each of whom the Corresponding Secretary shall transmit a Diploma or Certificate of his election, under the seal of the Society, signed by the President and countersigned by the Recording Secretary; and such members, with the exception of the Professors of the Society, shall not be entitled to any of the pecuniary, elective, or controlling privileges of the Association.

### Sect. XXVI.—*Life Members.*

Twenty dollars shall constitute a Life Membership, and exempt the member from all future contributions. And any member, having once paid an admission fee, may become a Life Member, by the payment of fifteen dollars in addition thereto.

### Sect. XXVII.—*Admission Fee and Annual Contribution.*

Each member not designated in Sections 25 and 26, before he receives his Diploma or exercises the privileges of a member, shall pay the sum of five dollars as an admission fee, and afterwards an annual contribution of two dollars.

### Sect. XXVIII.—*Privileges of Members.*

Each member shall be entitled to the privilege of voting; of eligibility to office or appointment; of receiving a Diploma or Certificate of Membership; of a copy of the published Transactions of the Society, and a printed copy of the By-Laws of the Association; of using the Library; of free admission and of introducing two ladies to all the exhibitions of the Society; which admission shall be regulated by tickets not transferable.

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The Annual Exhibition will be held September, 1857, of which due notice will be given, as to the time of opening and continuance of the same.

# REPORTS

OF THE

## COMMITTEES FOR 1857,

OF THE

# Massachusetts Horticultural Society,

AND THE

## SCHEDULE OF PRIZES FOR 1858,

WITH THE

ACTS INCORPORATING MOUNT AUBURN CEMETERY AND THE SOCIETY,

## A LIST OF MEMBERS,

AND THE

ADDRESSES OF THE RETIRING PRESIDENT, J. S. CABOT,
AND THE PRESIDENT ELECT, JOSIAH STICKNEY.

BOSTON:
HENRY W. DUTTON AND SON, PRINTERS,
Nos. 33 and 35 Congress Street.
1858.

# REPORTS.

## REPORT OF THE COMMITTEE ON GARDENS,

### For the Year 1857.

BY E. S. RAND, JR., SECRETARY.

On Tuesday, January 6th, the Committee visited the grapery of Mr. M. H. Simpson, in Saxonville. The weather was clear and cold, the thermometer standing at zero out of doors, and the change from the freezing atmosphere without to the genial warmth of the greenhouse could not fail to be agreeable, while the beauty and novelty of seeing at such an inclement season the clusters of ripe grapes hanging overhead, could scarcely fail to produce the most pleasing impressions.

The grapery of Mr. Simpson was built in 1848; the house is span-roofed, 66 feet in length, with a border inside and out; it is divided by a glass partition into two equal parts, each house containing twenty-two vines, thus enabling Mr. Simpson to bring the vines into bearing at different seasons. The vines grown were Syrian, Hamburghs, Muscats, Black Prince, Zinfindal, Frontignans and Macready's Early, and in vigor and luxuriant growth could not well be surpassed. The theory of Mr. Simpson is too well known to need comment, and in the opinion of the Committee the experiment he has so fully tried has been crowned with the most satisfactory results and complete success.

The time required to fully ripen grapes averages from four and a half to five months; and thus, leaving a month for the full ripening of the wood, a crop might be matured once in every six months. Mr. Simpson's practice, however, is to allow the vine to grow naturally without forcing every other year, thus preventing any exhaustion which might ensue from continued forcing.

The vines now (Jan. 6th, 1857) bearing the ripe crop were started on the fifteenth day of August, 1856; the berries began to color on the twenty-fifth of November, and the first ripe fruit was cut on the third of December. The whole product from twenty-two vines is about four hundred pounds; the grapes are well colored and of the highest flavor; the bunches large and well grown, some clusters of the Syrian weighing over four pounds each. The vines in the second house at the time of the Committee's visit were just bursting into bloom, and gave every indication of health and vigor. Heat was applied on the 15th day of November, 1856; the first bud broke

on the twelfth of December, and the condition of the house was in every respect satisfactory, giving promise of an abundant crop. The temperature ranges from 60° to 90° Fahrenheit; this warm atmosphere enables Mr. Simpson to bloom in great perfection some of our most beautiful hot-house plants. The Committee would particularly notice a fine specimen of the Impatiens Hookerii, with its delicately marked flowers; a large and beautiful plant of the pretty Torrenia Asiatica, the curiously flowered Æschinanthus Boschianus; a showy plant of Poinsettia and a most beautiful Cissus discolor in full flower. The manner of growing this latter plant was truly charming, it being allowed to weep from a high bracket, thereby displaying to the greatest advantage its beautifully marked foliage. The moist temperature seems also particularly adapted to verbenas and heliotropes, whose luxuriant growth and profuse flowers bore witness to the skill and care bestowed upon them. Great credit is due to Mr. Simpson's gardener, Mr. Burns, whose indefatigable attention and untiring industry conduces greatly to the success of Mr. Simpson's well formed plans.

The Committee cannot but express their gratification at this visit, and trust that the time is not far distant when grapes will be as plenty in our markets, during the inclement winter months, as in the more sunny summer season.

Our next visit was on Wednesday, June 28th, to the estate of H. H. Hunnewell in West Needham. The situation is unsurpassed, being on the banks of Lake Wabaan, a beautiful sheet of water, which, unlike most of our New England lakes, has high bold shores, its banks being thus peculiarly fitted for residences. The estate consists of about two hundred acres, most beautifully laid out in garden, lawn, woodland and orchard. The house is approached by two avenues on either side of the lawn, each seventeen feet in width; the one bordered with white pines, silver maples and larches, the other with native deciduous trees, magnolias and Pinus excelsus. Our first visit was to the small flower garden in the rear of the house, where, arranged in small beds, was a choice collection of all the best bedding plants in full bloom; showing by their growth the care and attention bestowed upon them. In the centre of this garden is a fountain, whose waters fall into a white marble basin, tastefully bordered with flowers. The view from this garden is magnificent; indeed it would be difficult to find any part of the premises where the views and scenery are not unsurpassed, or where there is not something worthy the attention of the visitor. From the garden we descended along a series of terraces all planted with choice flowers and shrubs, among which the rhododendron was conspicuous, to the borders of the lake, and wandering around, by paths winding through the woods in such a manner as to leave the beautiful natural wildness unimpaired, we obtained new views of beauty at every turn. Thence we ascended to a summer house built entirely of spruce poles in a most tasteful manner by Mr. E. P. Hollis, the superintendent of the farm; but unlike the generality of these houses finished in a manner at once neat and most attractive; the interior is furnished in a handsome rustic style, in perfect conformity with the exterior.

Here a pleasant surprise awaited us; baskets of magnificent grapes, mammoth strawberries, the famous Stanwick nectarines, peaches and figs were set before us, and resolving ourselves into a fruit committee we did ample justice to the merits of the fruit and to Mr. Hunnewell's kind and liberal hospitality. Next, passing some thriving specimens of the magnolia in front of the house, and beds of roses, verbenas, and justicia, we visited the fruit garden and greenhouses, marked by the same characteristic neatness. Here we found the choicest strawberries, each variety in its separate bed; blackberries, currants, raspberries, and pear, apple and plum trees, growing most vigorously and fruiting abundantly. Taking a hasty view of the greenhouses, from which most of the fruit had been cut, we passed on to a peach house just erected where we found the trees looking finely. In one of the graperies a peculiar manner of wiring is well worthy of note and imitation; the wire being fastened to one end of the house is drawn across to the opposite end and fastened to a large screw which is passed through the end wall; a small nut upon this screw permits the wire to be loosened or tightened according to the expansion or contraction caused by heat and cold; the neatness and simplicity of this arrangement are commendable. Stopping for a moment to notice some fine trees of the famous Stanwick nectarine, we turned towards a small building on the brow of the hill overlooking the lake, where we were shown a small steam engine of six horse power, by means of which the corn is ground, wood sawed, and water pumped from the lake into large reservoirs in the barn, whence it is distributed by pipes all over the garden, so that in a dry season the labor of watering is comparatively small. We were informed that in order to keep the place supplied with wood and water it was only found necessary to work the engine for a few hours each week; altogether this seemed the most perfect arrangement for saving labor and trouble which it had been our fortune to see. Thence we turned to view a noticeable feature of the place, far more interesting in a botanical or horticultural light; the choice evergreens and deciduous trees and shrubs imported by Mr. Hunnewell, and which, though as yet young, give promise of a vigorous future.

And first we would notice the peculiar method of clipping the white pine into various shapes, a tree hitherto considered intractable; the experiment has succeeded, the shape of the trimmed trees being perfect and the foliage dense.

On the right of the avenue we noticed a fine young tree of the curious cork-barked elm; passing on we reached a path planted on each side with magnolias, kalmias, rhododendrons, and choice new evergreens, among which we would especially notice Picea nobilis, pichta, Webbiana, Nordmaniana, Fraserii, pinsapo (beautiful), Pinus Benthamiana, monticolor insignis, pondurosa, Beardsleyi, patula, Lambertiana, Libocedrus chilensis, Abies Smithiana, Douglasi, Taxus elegantissimus, Cedrus Deodara robusta, Cephalotaxus drupacea, Fortunei, (male and female, curious and beautiful, the foliage of the two sexes being very distinct.) Next we observed a fine collection of Magnolias, consisting of acuminata, conspicua, tripetala, glauca, triumphans, macrophylla, purpurea, obovata and maxima. Mr. Harris, the

attentive gardener, next pointed out to us a hybrid Scotch larch, a beautiful tree, having a silvery drooping foliage; a chance variety, it seems far superior to its parent. On the same path we noticed fine plants of the Ledum buxifolium, thymifolium, and palustris; also the beautiful Andromeda in variety; near the Ledum we found a small specimen of Washingtonia gigantea, the famous great tree of California; in foliage it resembles our juniper, and is said to have proved hardy in New Jersey, but as yet it is doubtful whether it will bear the severity of our winters.

After resting awhile in a thatched rustic summer house, commanding a fine view of the wooded points of the lake, we passed to the Italian garden, where the well shorn terraces and uniquely clipped trees could not fail to prove attractive and interesting; thence turning towards the front of the house we had our attention called to a fine Cornish elm, a weeping sophora, and an ash-leaved maple, the latter a most beautiful tree. We must not omit to mention the beauty of the specimens of fuchsia, standing on the long piazzas, but for details of these we must refer to the report of the Flower Committee.

In conclusion, the Committee would not have it supposed that in a condensed report they can do justice to a place like Mr. Hunnewell's. What has been written can only show what can be accomplished in a short time, by care, industry, and judicious expenditure of money. Six years ago Mr. Hunnewell's estate was a pitch pine forest, the soil barren, and the place only possessing the advantage of situation. By the judicious application of manures, and the admixture of peat from a meadow near by with the native sandy soil, it has been brought into its present fertile condition; and the Committee cannot refrain from expressing their entire satisfaction, not only with the means employed, but also at the results, both apparent and prospective.

On Wednesday, July 8th, the Committee, by invitation of Henry W. Fuller, Esq., Treasurer of the Board of Trustees, visited Woodlawn Cemetery in Malden. The ground already laid out consists of about one hundred acres, pleasingly diversified by hill and dale, and offering variety in wood and meadow.

Approaching the Cemetery from Chelsea we are at once struck with the neatness which marks the roads and avenues. The entrance is through a tasteful gateway, with porter's lodge on either side, and it is shaded by trees, the original growth of the place. Turning to the right we were pleased to observe the attention paid to flowering shrubs; among which we noticed deutzias, mahonias, azaleas, wegelia, and rhododendrons in great variety; the latter seem to grow in the greatest luxuriance, and, intermingled with Kalmia latifolia, will soon in many places form large masses, the effect of which cannot fail to be most striking and beautiful; and the Committee cannot but express their surprise that these, two of our most lovely and hardy flowering shrubs, alike beautiful in foliage and flower, should be so rarely cultivated and so little known.

The trees of Woodlawn form one of its distinguishing features; they are of every species which our woods afford, and those of foreign birth which

our severe winters permit to be naturalized. Oaks of many kinds, walnuts, maples, beeches and kindred trees mingle with the choicer foreign deciduous trees and evergreens. The tupelo, one of our most beautiful forest trees, also abounds, and forms clumps of great beauty in many places.

Paths and avenues of the most solid construction have been laid out in pleasing curves, each turn affording some new prospect; and what is most worthy of comment, the construction of all the walks is such, and so perfect is the system of drainage, that even in the most violent rains they wash but little, thus materially reducing the expense and labor of keeping them in repair. From many points most lovely vistas stretch through the wood, and small ponds with fountains, here and there interspersed, give new beauty to spots already lovely and attractive by nature. Rustic arches covered with native vines, growing with wild luxuriance, span the avenues; and arbors embowered in trailing climbers peep out at convenient points. The view from the higher ground is extensive and pleasing; we see the neighboring villages, each nestling in a canopy of wood, and catch not unfrequent glimpses of the distant ocean.

The Committee cannot but feel their indebtedness to Mr. Fuller for the kindness and courtesy with which he treated them, and most fully commend the good taste which characterizes every part of the grounds. In his labors. Mr. Fuller has an able and zealous assistant in Mr. Cruikshank, the superintendent, whose judicious labors have done much to beautify Woodlawn.

A visit to Woodlawn cannot fail to be satisfactory to all who love the beauty of nature, only so far fettered by art as to enable it to shine with truer loveliness; and the growing disposition in the community at large to render pleasing and attractive the resting place of the departed, while it takes little from the sadness of bereavement, cannot fail to exercise a salutary influence on the public mind. Well pleased with their visit the Committee left Woodlawn feeling how much taste may accomplish towards making even the sad things of nature shine in lovely and attractive guise.

A pleasant ride of about an hour, on the morning of July 30th, brought us to the station at Randolph, where we found carriages in waiting to convey us to the place of C. S. Holbrook, Esq., which is situated in East Randolph, about two miles from the railroad.

On reaching the house we were first attracted by the perfect neatness of the grass banks and edgings; the turf being perfectly even and of a dark healthy green, and, as we afterwards found, the same neatness characterized all the grass plats around the house. The part of Mr. Holbrook's estate under high cultivation comprises about four acres, though much more adjoining is used for mowing and pasturage; the soil is a stiff clayey loam; the land sloping off gently to the north and commanding a fine view of the village of West Randolph, about four miles distant.

The flower garden first called for the attention of the Committee; remarkable for the tasteful selection and combinations of the flowers and for the well trimmed box edgings. The symmetrical manner in which the grass edgings were cut attracted especially our notice; they seemed traced upon the ground as if by an artist's pencil, neat in shape, and remarkable for the

absence of straight lines, the usual stiff, unseemly appearance being thus entirely avoided. Among the flowers, fine beds of Vinca alba and rosea deserve special notice.

In the fruit garden the dwarf apple trees appeared far better than any the Committee had seen elsewhere; many of the trees being well filled with fruit. The greenhouses are three in number; one used as a peach house, connected with which is a pit for vegetables; the two others being appropriated exclusively to grapes.

The season of peaches being almost past, we only found two trees from which the fruit had not been gathered; the growth of all the trees was vigorous and the trees healthy. The vegetable house or pit has, during the present season, been used entirely for forcing cucumbers; and though the vines were, as we were assured by the gardener, long past their prime, yet the abundant fruit still clinging to them gave evidence of a flow of sap which would have done credit to younger vines. The two other graperies are each sixty feet long by twenty wide; one of these is divided by a glass partition into two equal portions, in order to force the vines at different periods. The principal grapes grown are the Muscat in variety, Hamburghs, Frontignans, White Chasselas, and Black Prince; the size of the berries was good, and their flavor excellent; the vines were in fine condition, being free from disease, with a clear rich foliage. Much credit is due to Mr. Walsh, gardener to Mr. Holbrook, for the skill and attention everywhere exhibited, and for the neatness and artistic merit of the flower garden, and the Committee cannot but think that were the same care bestowed on flowers in general, gardening could not fail to acquire a new charm.

At five o'clock the Committee took leave of Mr. Holbrook, much pleased with their visit, and indebted for the kind hospitality afforded them during their stay.

On Tuesday and Wednesday, August 25th and 26th, the Secretary, in company with another gentleman of the Committee, made visits to the following places visited by the Committee in July.

A pleasant ride brought us to the garden of Galvin & Hogan in Somerville, where the growth of the trees and their healthy appearance gave good evidence of a rich and well cultivated soil. The flower garden was not in as fine condition as we had been led to expect, though the heavy rains of the preceding fortnight were mainly the cause of the disorder. The pears were in good bearing, especially the Easter Beurré, Louise bonne de Jersey, Bartlett and Duchess d'Angouleme; while a heavy crop of tomatoes gave evidence that in vegetables Somerville is not at all behind the neighboring towns. As a matter of course there was but little of interest in the flower houses at this season, all the plants being arranged out of doors; but an examination of the camellias, ericas, epacris and azaleas, was fully satisfactory, and afforded proof of the care which produced such abundance of promising buds and rich luxuriance of foliage.

By a walk of half an hour we reached the well known establishment of the Messrs. Hovey, so often described in the reports of the Garden Committee. The pears were in full beauty and afforded no evidence of lack of

attention or careful well-directed pruning. In the greenhouse a fine collection of achimenes and some beautiful specimens of Cissus discolor were worthy of notice; we also found Psidium Cattleyanum in fruit, and were informed that from the fruit of half a dozen small trees a couple of boxes of guava jelly were manufactured last year. In the open border the Japan lilies were just bursting into bloom, and some fine new phloxes showed in full glory.

The grounds of William Whiting, Esq., on Warren Street, Roxbury, can almost claim the enviable reputation of a model place, though in extent inferior to most which have called for the attention of the Committee, comprising only about five or six acres. It is here we see what taste and care can accomplish; for in a few short years a barren rock has been converted into a fruitful and beautiful garden. The only natural ornaments of the place were a few fine oak, walnut, and beech trees, but now we view a mass of foliage, and walks tastefully laid out ever vary the scene. Of fruit there is not a great variety, nor is there an extensive flower garden; but both fruit trees and flowers are pleasingly planted in suitable situations.

The vegetable and strawberry beds were well kept and free from weeds. The paths are in fine order, and the Committee can truly say that no visit of the season has given them more pleasure than their short call at Mr. Whiting's.

A few steps bring us to the flower garden of Martin Trautman, in truth almost a wilderness of flowers; ericas, camellias and roses were in good order, though seen of course in an unfavorable season, and a few choice seedling gloxinias were well worthy of propagation.

The well known country seat of Jonathan French, Esq., was next on our list; and we need only say that in every respect it maintains its previous reputation; the greenhouse plants and flower garden were in fine order, and a collection of new seedling verbenas worthy of especial praise. We here saw some choice new petunias, fuchsias, lantanas and salvias; but to us, with the exception of the Countess of Ellesmere petunia, they did not appear so striking as to recommend them above others longer and better known. Two noble Seckel pear trees, loaded with fruit, were noticeable objects, as the largest and finest specimens of the kind it had been the fortune of the Committee to see.

The nursery and garden of A. Bowditch & Son next occupied our attention; the phloxes and greenhouse plants were in fine order, and the young Norway spruce indicated a situation well adapted to their growth. Mr. Bowditch kindly forwarded the Committee on their way to the greenhouses of William Wales on Columbia Street, Dorchester, and James Murray in Roxbury.

At the former a fine specimen of Araucaria excelsa demands especial notice; also noble plants of Melaleuca and Acacia in variety. Mr. Wales is justly celebrated for his fine specimens of Azalea indica, some of which were in full bloom even at the time of the Committee's visit. Large beds of ericas, and other flowers useful for bouquets, were laid out in every direction, as well as borders of the more strictly bedding plants, verbenas, salvias, gauras, ageratum, heliotropes and nierembergias.

Mr. Murray, on our reaching his place, led us through a perfect labyrinth of greenhouses, pointing out many choice and useful plants. A large bed of tuberoses, just shooting into bud, was a conspicuous feature. The trees and plants were in good order, though the crop of cherries had been totally destroyed by that pest of horticulturists, the robin, and, hopeless of faring better in the future, the trees were destined to be cut down, as no fruit could be obtained. And here it seems not out of place to ask why such a bird should be protected by law; a bird which annually inflicts damage to an immense amount upon the fruit-growing interests, and is of no value whatever in destroying worms, grubs, or insects; and the Committee would recommend that the Society as a Society petition the Legislature, at its next session, for the repeal of the law which protects this bird, whose destruction would be of immense benefit to every farmer or horticulturist.

In concluding the report upon these gardens, the Committee feel bound to state that much allowance must be made for any unfavorable appearance they may have presented; the season has been most unpropitious for both fruit and flowers, and the time of the Committee's visit was not calculated to show either greenhouses or flower gardens in their most attractive guise.

The Committee also visited the gardens of Parker Barnes, near Harrison Square, in Dorchester, embracing about two acres, under high cultivation. Mr. Barnes has devoted his attention more to hardy herbaceous plants and annuals than to the more tender productions of the greenhouse; and of these his collection is so varied and extensive that his gardens present an attractive appearance from the earliest spring until late in the autumn.

A small but tasteful greenhouse is at hand suitable for the production of all the varieties of bedding-out plants and the growth of a few choice exotics; several fine specimens of the Chromatella rose produce a profusion of bloom during the winter months; connected with the greenhouse are spacious potting, packing, and seed rooms, affording every facility for Mr. Barnes' extensive business. But it is in the cultivation of the dahlia that Mr. Barnes particularly excels; it is his pet plant, and his care and attention have been well repaid by the beauty of the collection which every September enables him to present. Some of his own seedlings compare not unfavorably with imported varieties; and from his well known perseverance we are led to expect still further improvements.

The grounds of Evers & Co., in Brighton, comprise about three acres under high cultivation. The greenhouses are four in number, and remarkable for their neat and orderly appearance; in one we noticed fine specimens of acacias, already large trees; the exhibition of fuchsias was good, the plants displaying a profusion of bloom and vigorous growth. The flower garden was in fine order and laid out in accordance with good taste, and the Committee took leave, well pleased with their visit.

On Thursday, September 10th, a Sub-Committee visited the fruit and vegetable garden of John Gordon, in Brighton, comprising about three acres, the whole of which is devoted to the cultivation of pears, in which branch of horticulture he has been most successful. At the time of our visit the

trees were in fine health and loaded with fine fruit. The whole of the ground is underdrained and well trenched. No grass is permitted to grow around or between the trees, though a crop of melons or cabbages is not unfrequently raised; the running vines of the former serving the purpose of mulching, and aiding in keeping down the weeds. The trees are planted in the proportion of two standards to one dwarf, both thriving well under Mr. Gordon's culture.

The Committee noticed as in full bearing and especially fine the Andrews, Marie Louise, Bartlett, Seckel, Napoleon, Beurré Bosc, Buffum, Bleeker's Meadow, Beurré Diel, Easter Beurré, White Doyenné, with many newer but perhaps not less worthy varieties.

Mr. Gordon makes raising pears for the market his chief business; and the Committee gained much valuable information as to the comparative market value of varieties which to the amateur possess equal merit.

Leaving Mr. Gordon's the Committee rode to the gardens of Joseph Breck, so well known to all as a veteran in horticulture, as well as an amateur in all that is choice in floriculture. From the grape houses the fruit had been mostly cut, only a few bunches of the later varieties hanging yet upon the vines, but any deficiency in the greenhouse was amply compensated for by the beauty of the flower garden. The beds are laid out with the most perfect taste, and evergreen and deciduous trees grouped here and there afford a pleasing contrast, while at the same time they serve to modify the violent winds.

Among the grass plats we noticed small beds planted with verbenas, portulacca, alyssum, ageratum and other showy flowers, which by their brilliant colors afford a most pleasing variety. Among comparatively new plants we remarked Eschscholtzia gracilis, Delphinium cardinale, Lobelias St. Clair, Victoria, rosea and fulgens. We were also shown a thrifty young specimen of the Cut-leaved birch, and many small weeping trees which promise well. But it is in phloxes that at this season Mr. Breck takes the greatest pride, a flower to whose popularity he has added much by the dissemination of seedlings of his own production and by the importation of choice varieties. Though somewhat injured by the sun many of the varieties were in fine bloom and made a pleasing show. A seedling Tropæolum is also well worthy of notice, evidently a hybrid between Lilly Smith and pulcherrinum, and a decided improvement.

After partaking of the hospitality of Mr. Breck we proceeded to the nursery of W. C. Strong, in Newton, where we were much gratified by the neatness and order which universally prevailed. Of about ninety acres Mr. Strong has embraced over forty in a nursery, where we found every variety of hardy shrubs and trees both evergreen and deciduous. Particularly beautiful were the long lines of deciduous cypress, the light feathery foliage forming, as it were, a fringe upon a dark mantle of Norway spruce. Among more tender plants we noticed Clerodendron Fortunii, some new passifloras and a few choice acacias. Several large frames contained many thousands of the new Rebecca grape in healthy vigorous growth.

A ride of a couple of miles brought us to the estate of Josiah Stickney,

Esq., in Watertown, where a ramble through his pear orchard well repaid us for our visit. The house is situated on a hill overlooking Charles River, which at this point is particularly beautiful. The land behind the house descends in gentle terraces to the river's bank, each terrace planted with choice trees.

We found the pear trees in good health, and in spite of the unfavorable season many bore good crops of fine fruit; one tree of Bartlett was particularly noticeable for the number and size of its specimens.

The lawn in front of the house is a pleasing feature, closely clipped, and shaded by noble trees. The lateness of the hour somewhat abbreviated our call in Watertown, so reluctantly we turned towards home; on our way, however, we stopped at the Public Garden in Boston, now under the care of the Messrs. Bowditch. We found all in accordance with good taste, and in perfect order, and the garden bids fair to be not only a credit to the Messrs. Bowditch but an ornament to the city, and one of which it may well be proud.

On Tuesday, September 15th, the Committee visited the garden of James Nugent, near the Jamaica Plain Railroad Station in Roxbury. Though of small extent, much was to be seen worthy of attention. In the fruit department fine specimens of the Dorchester blackberry were noticeable; the berries being larger and the plants more thrifty than any the Committee had seen elsewhere.

The greenhouses were empty, most of the plants being in the flower garden, which was in full beauty; dahlias and asters were showing a profusion of fine blooms; some fine thrifty plants of Erica caffra rubra, presented a fine appearance; and a rose pit, filled with the choicest varieties, promises well for winter flowers.

A short ride brought us to the nurseries of the Chairman of the Committee, Hon. Samuel Walker, which we found in fine condition, and showing vigorous growth. In one lot we noticed about 15,000 pear stocks, and 5000 choice pear trees, all planted this spring, late in the season, under unfavorable circumstances, but all had been overcome by care and attention. In another nursery we saw about 5000 pear trees of the choicest varieties, many showing a growth of from six or seven feet from the bud. Around the house we noticed some fine seedling phlox, and a large specimen of the deciduous cypress. Want of time prevented the Committee from visiting six other fine nurseries. The lot of land containing 15,000 pear stocks had been underdrained; and as the Committee have not space here to speak of the advantages of this system, they hope in the future to have the pleasure of receiving a detailed account of its benefits, in a communication from the Chairman, who has thoroughly tested it.

By invitation of the Chairman of the Committee we next rode to the garden of Ariel Low, to view a fine crop of pears. The trees were mostly small, having only been planted out about four or five years, but all were in full fruit; the Belle Lucrative were the largest and finest the Committee had seen; the Louise Bonne de Jersey exhibited a very high color; the size of the Flemish Beauty was remarkable; Dunmore, Glout Morceau,

Duchesse d'Angouleme, Doyenné Blanc, Beurré Diel, Beurré Superfin and Bartlett, all presented marks of characteristic excellence. And the Committee, well pleased, cannot but pronounce this the most perfect fruit garden on a small scale that they have ever visited; and although their visit was informal, would recommend a gratuity to Mr. Low for his successful culture.

The Committee would award the following prizes and gratuities:—

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|---|---|
| For the best cultivated and most neatly kept Grounds through the season, to H. H. Hunnewell, a prize of . . . | $20 00 |
| For the same, to William Whiting, a gratuity of . . | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Fruit Garden, through the season, to John Gordon, a prize of . . . . . | 20 00 |
| For the same, to Ariel Low, a gratuity of . . . | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Flower Garden, through the season, to C. S. Holbrook, a prize of . . . . . | 20 00 |
| For the same, to William Wales, a gratuity of . . | 10 00 |
| For a well managed Cemetery, in its keeping in accordance with the true principles of beauty and art, to Woodlawn Cemetery, a prize of . . . . . | 20 00 |
| To M. H. Simpson, for a novel and well conducted experiment in the culture of the Grape, a gratuity of . . . | 20 00 |
| To F. L. Harris, gardener to H. H. Hunnewell, for Floral Gardening, the Society's silver madal. | |
| To E. P. Hollis, for a well conducted Vegetable Garden, the Society's silver medal. | |

*Boston, Nov. 28th,* 1857.

# REPORT OF THE COMMITTEE ON FLOWERS

## For the Year 1857.

### BY E. S. RAND, JR., CHAIRMAN.

The past season has been singularly unfavorable for floriculture, and the weekly exhibitions of flowers have consequently been inferior to our hopes. The spring was very late, so that the hall was not opened till the third week in May. The opening exhibition was creditable in respect to specimen plants, but deficient as to general display.

The lateness of the season affected in a marked manner all the weekly shows. The tulip prizes were postponed several weeks, as at the time announced in the schedule the buds had scarcely begun to color. The roses were not in perfection until July, and all other flowers were later than usual.

The dahlia prizes were to have been awarded on the 3d of October, but a severe frost previous to that day cut off all the plants except in a few favored localities.

But in spite of all these discouragements, the displays have been most gratifying in the growth of specimen plants, and in the new and improved varieties of flowers. No lack of zeal has been exhibited on the part of members and contributors to make the exhibitions in the floral department all we could wish; and the Society have reason to congratulate themselves on such good success under such disadvantageous circumstances.

The display of plants and flowers at the Annual Exhibition was better than usual, though in some respects inferior to former years. In floral designs there was a marked improvement. For the first time since the establishment of prizes for designs and decorations, the Committee did not have specimens of elaborately finished out-houses, monstrosities glaring with dahlias and marigolds, and thatched summer-houses, forced upon them. The designs exhibited were generally in good taste, though a lingering fondness for the huge and monstrous was apparent. The smaller designs were in keeping with the principles of floral decoration, and generally were ornamental and pretty.

The Committee must enter their decided protest against the use of flowers as glutenized ornaments of wooden, moss-covered crosses, anchors, eagles, and all that class of *so called floral* designs.

It is not a floral design (and none would be bold enough to call it a decoration) to mat our pretty forest mosses on a huge frame of wood or pasteboard; to sprinkle it with dahlias, amaranths, and marigolds; to fill or hang it with red and white phlox, and illuminate it with letters of yellow helichrysum! Name the abortion what you will,—a design, if you please, —but do not associate flowers in such a connection by calling it *floral.*

Too much latitude has been given in this class of ornaments, and the Committee would recommend to the Society the establishment of rules

regulating the size of the designs exhibited; or else, what would be far better, the *entire discontinuance* of the premiums, and the institution, instead, of prizes for miniature specimens of floral or landscape gardening.

The display of cut flowers at the Annual Exhibition was superior to those of previous years, the varieties being more select, and the arrangement far more tasteful. The same may be said of the parlor bouquets presented for premium; for even those taking the lowest prize were superior to those receiving the highest premium in former years. The mantel bouquets were also well arranged and tasteful. But in hand bouquets much improvement might be made; and we trust our next Annual Exhibition may be more creditable in this respect. In large bouquets (as those made on frames were excluded from premium, as being rather decorations than bouquets,) some improvement was visible, though the committee cannot but consider these huge masses of coarse flowers as anything but ornamental.

The number of contributors of pot plants was smaller than on previous years, though the specimens and varieties were better. Fewer plants illy grown and branching were exhibited, and the general tendency was to render the growth elegant and symmetrical; yet, as usual, some few plants grown on the ladder or bean-pole principle found admission. Choice collections were exhibited by Messrs. Cushing, Wilder, Rand, Walker, Winship, Bowditch, and Hovey; also many very beautiful specimen plants.

A brief retrospect of the last season, as well as of the progress we have made in floriculture, may not be out of place or uninteresting.

The first exhibition was on Saturday, Jan. 10th, when a new and beautiful plant, Styphelia tubiflora, was presented by James McTear. It is of the Epacris tribe, and a most superior plant. It is difficult to propagate, but we hope soon to see it in every collection.

Jan. 24th, the Spiræa Reeves*iàna* flòre plèno and Azàlea amœ'na were shown by Hovey & Co., both valuable plants.

Feb. 7th, a beautiful specimen of Phaiis grandifolia from C. F. Jones. Though prize day for camellias, none were presented worthy of premium.

Feb. 14th, the prizes for greenhouse azaleas were also withheld, the time being fixed too early in the season. Specimens of Eriostemon cuspidatum, Kennedia monophylla variegata, and Cytisus monosperma, were shown by W. C. Strong; also fine ericas by Galvin & Hogan.

Feb. 21st, fine ericas and azaleas from Wm. Wales, and a beautiful specimen of Eriostemon nerifolium from James McTear.

March 7th, the new Orange Rhododendron Javanicum was shown by Galvin & Hogan. It is very beautiful, and *said to be* hardy. James McTear also exhibited a seedling camellia of very superior excellence, and a decided acquisition.

March 21st, Mr. McTear exhibited a fine specimen of Phaiis maculata, and another seedling camellia of great merit. A fine plant of Tropæolum tricolorum came from Parker Barnes, and fine hyacinths from Curtis & Cobb.

From this time to the opening of the hall the exhibitions were very good,

far better than usual at the season, and many new and rare greenhouse plants were exhibited. Among others, Ericas by James Murray, J. McTear, Wm. Wales, and Galvin & Hogan; Calceolarias by A. Bowditch; a fine new Correa, Ne plus ultra, by J. McTear; Hyacinths by Curtis & Cobb; fine Orchids by C. F. Jones; Auriculas by M. Trautman.

At the opening of the hall on the sixteenth of May, large collections of plants were exhibited. The Fuchsias of H. H. Hunnewell were most beautiful specimens, some of the plants being over five feet in height, and a perfect mass of bloom. They were by far the finest ever exhibited in the hall, and reflect great credit on Mr. Harris, by whom they were grown. The Calceolarias of F. Winship were very superior, both in marking and color. The displays of greenhouse plants were fine, and included many new and choice varieties. The collection of Thomas G. Whytal was very noticable for new imported plants.

Late Hyacinths, this year, have shown no marks of improvement, though never below the standard. Tulips have been very inferior. Pansies have not been as good as on previous years. Hawthorns and Hardy Azaleas have been inferior, owing to the heavy rains of the spring. Peonies, both shrubby and herbaceous, though very late, have been good; and the same may be said of herbaceous plants in general. Aquilegias, Pinks, and Spiræas were a failure. Roses have suffered much from late rains and insects. Summer and autumn Phloxes have done well, and some superior varieties have been raised and imported. Carnations and Picotees were not so good as on previous years. Rhododendrons bloomed well. Hollyhocks were very late, but showed decided improvement. Balsams and Petunias did well, but the exhibition was poor, owing to severe rains. Annuals have in general grown and bloomed poorly. Antirrhinums were a failure. Asters did well, but Stocks were inferior. Dahlias were better than usual, though early touched by the frost.

Verbenas have seldom grown or flowered so poorly, though a marked improvement is visible. Many fine varieties have been imported, and a few good seedlings raised. Among the latter we may mention Annie alba, a new white, raised by E. S. Rand, Jr., and which took the prize for the best new seedling. Thus far it has proved very superior, and, should longer trial confirm its excellence, it will be a valuable acquisition. A new blue, raised by Thomas G. Whytal, may prove fine; and a most curiously marked variety, raised by W. C. Strong, and named Yenadesse, is a decided novelty.

We subjoin a few remarks on the culture of the Verbena, together with a list of the best varieties in colors, kindly furnished us by Joseph Breck, a most successful cultivator:—

Verbena.—There is no flower of modern introduction so indispensable for the flower garden as the verbena. Ever-blooming, of the most vivid colors, embracing every tint of red, purple, blue, and white, it is the wonder of young florists how a flower garden, a quarter of a century since, could have been interesting without it.

The varieties are multiplying without end, flowering the first season from seed. The great difficulty now is to know which to select and which to reject, all are so beautiful.

Verbenas are important for three purposes, viz., for flowering in masses, for the border, and for pot culture. Some varieties are very beautiful when carefully cultivated in pots in the greenhouse, which when exposed to the sun will not stand its scorching influence in consequence of the flimsiness of the petals. Of this character was the white variety America, and many others that gave great promise before tested by the sun in the border. Others are very interesting in the borders, but quite unsuitable for a brilliant mass, as the new variety Imperatrice Elizabeth, which has small trusses of pretty flowers, white distinctly striped with purple; the foliage quite peculiar, being deeply cut and jagged; a profuse creeper, but not strikingly showy. The verbena for masses should be of robust habit, strong grower, throwing up a profusion of strong erect stems, bearing large, well-formed trusses of flowers, whose petals are of such consistency as to endure the most powerful sun.

For a scarlet we have not yet seen a better one than the old Defiance. This variety takes root readily, and, for rapid growth, long endurance, and brilliancy of color, has not been excelled. The new variety, Mrs. Woodroff, is similar to Scarlet Defiance, but has larger trusses of flowers; the color is precisely the same; and for a border flower preferable, and perhaps for a mass, but not in our experience. Lord Raglan is a fine scarlet variety, a shade darker than the two last, with a velvety crimson eye. St. Marguerite is a fine old variety; color rosy carmine, with a violet eye. Orb of Day is darker than Defiance, inclining to a crimson; petals are not so regular as that variety, nor so firm, and not so good for a sunny exposure. Charles is a seedling of mine; color rosy scarlet, with a yellowish white and distinct eye; very pretty for borders. Phenomenon, brilliant scarlet; fine for borders. Novelty, (seedling,) a beautiful fancy variety; brilliant crimson, with a distinct white eye. Wonderful, (new last season;) superior; rich plum purple, with white centre; fine form, large truss, good habit, and very conspicuous. These two last have appeared to the best advantage when cultivated in pots, but they are indispensable for the border. Isis is a variety with crimson flowers.

Many of the white varieties are inclined to change to a pinkish hue, and therefore not so desirable for a mass of white as those that do not have this peculiarity. Snowflake is least objectionable on this account, but the trusses are not so fine, nor the flowers so large, as Samoset. The new variety, Mrs. Holford, has a still larger truss of pure white flowers, but not tested for a large mass, but probably is superior. Neither of these three varieties change very much, and are all suitable for this style of planting.

Mr. Rand's new seedling white, for which the Society's silver medal was awarded, promises well.

Of the blue varieties there is nothing that excels Rand's Blue, for bedding, in its class. It is very strong growing, throwing up an immense number of elongated trusses, or rather spikes of purplish blue flowers. A

mass of this variety in the grass was one of the first objects to attract the eye of the visitor.

Hiawatha (Hovey's) is a strong growing and abundant blooming variety, with large trusses of brownish purple flowers; one of the darkest varieties, and a good one for bedding. Purple Perfection has a medium sized truss of rich purple flowers, and produces a good effect in a mass. Madame Lemounier is a fine fancy sort; flowers white, striped with crimson; but with me has not been prolific in flowers. Striped Eclipse—pink, with crimson stripes; a pretty fancy variety. Sarah—finely striped, white and lavender. Dedham Belle has a compact truss of clear rosy-pink flowers; one of the best for a mass of pink. Jenny Lind—flowers white, with purple centre; a fine fancy sort. Etoile de Venus—rosy pink; a superior variety, with very large trusses; flowers extra large. Eva Corinne—light pink, shaded with crimson; something like the last in its character. Madame Gournay—pink and white, shaded; a strong growing variety, suitable for bedding. Phidias—claret purple; a fine variety, but not a profuse bloomer.

I might enumerate many other varieties, in my own and other collections, which are prominent for their beauty, that do not occur to my mind now; but those named were the principal sorts in bloom in my garden at the time I received a visit from the Committee on Gardens.

Respectfully yours, Jos. Breck.

E. S. Rand, Jr., Esq.

Boston, Dec. 1, 1857.

Of specimen plants, the best have been exhibited by James McTear, Hovey & Co., E. S. Rand, Jr., and Wm. Wales.

The largest, most frequent, and best displays of cut flowers have been made by F. Winship, J. Breck & Son, A. Bowditch & Son, E. S. Rand, Jr., J. Murray, C. Copeland, and James Nugent.

Among new or rare plants we may mention—

Two seedling Tropæolums, named Breck*ii* and Rand*ii*, have been exhibited by Joseph Breck, which may prove acquisitions.

Fine Gladioli have been shown by P. Barnes, the Messrs. Hovey, and James McTear.

New Verbenas by Parker Barnes and A. C. Bowditch.

Hedychium Gardner*ianum* gracilis, and coronarium, very beautiful, by E. S. Rand, Jr.

Choice new Ericas and Phyllanthus latifolius, by J. McTear.

Cympananthe suberosa by M. P. Wilder and E. S. Rand, Jr.

New Gloxinias by E. S. Rand, Jr.

Choice new imported Achimenes by Parker Barnes and E. S. Rand, Jr.

New imported Dahlias by Messrs. Hovey & Co. and Parker Barnes.

The Downing camellia by M. P. Wilder.

New Verbenas, Petunias, and Pelargoniums by Thos. G. Whytal.

Brunsvegia Josephine by G. G. Hubbard.

Choice native plants from Cambridge Botanic Garden.

The Committee would also notice many newly imported plants and shrubs, with the result which has attended their cultivation during the past year.

Canna Warscewicse, a decided acquisition both in foliage and flower. Pleroma Benthamiana, very beautiful in flower, growth curious. Fuchsia Venus de Medici; very fine and worthy of general cultivation. Cuphea eminens; perfectly worthless, rank in growth, and with no beauty in flower or foliage. Petunia Countess of Ellesmere; a decided acquisition and a superior bedding variety. Petunia Imperialis; very fine in some situations; on moist grounds the flowers are apt to be greenish; in dry, it is unsurpassed and should be extensively grown. Wegeila amabilis new and pretty, but by no means equal to W. rosea; its quality of flowering in the autumn renders it worthy of cultivation. Geranium Duchess of Kent, very good. Geranium Lady Turner, superior. Delphinium cardinale, not sufficiently tested; its color is a great acquisition. Achimines Ambroise Verschaffelt, the most beautiful grown, flowers most delicately marked, white, veined with dark violet. Achimines rosea superba, very beautiful. Achimines Parsonii, pinkish purple shading to deep yellow, a decided novelty. Phlox Henry Lierval, a fine large purple. Phlox Madame le Cerf, the largest and best white. Phlox Souvenir du 29 Octobre, fine white with pink eye, very desirable. Souvenir de ma mere, a beautiful variety. L'Orientale, Mad. Judith and Mons. Bondeevare, also fine new varieties. Delphinium Hendersoni, very fine. Gcum coccinea, a fine hardy plant. Veronica Hendersonii, the same apparently as V. Andersoni, and no improvement. Potentella Crimson King, Sudbury Gem, Shylock, Double Yellow, and Double Scarlet, are all very fine, and must commend themselves to all cultivators of this most interesting plant.

In conclusion, the Committee cannot but feel gratified at the progress made during the past year, and hope that the future may be signalized by yet further improvement and greater zeal in the cause of floriculture.

The Committee would award the following prizes and gratuities:—

Camellias, not awarded.

Greenhouse Azaleas, not awarded.

### OPENING OF THE HALL.

| | |
|---|---|
| Pelargoniums.—For the best six varieties, grown in pots, to Thomas G. Whytal, | $8 00 |
| For the second best, to Hovey & Co. | 6 00 |
| Fuchsias.—For the best six varieties, in pots, to Thomas G. Whytal, | 8 00 |
| For the second best, to Jonathan French, | 6 00 |
| Calceolarias.—For the best six varieties, to F. Winship, | 5 00 |
| Cinerarias.—For the best six varieties, to F. Winship, | 3 00 |
| For the second best, to Thomas G. Whytal, | 2 00 |
| Greenhouse Plants.—For the best display, of not less than ten pots, to M. P. Wilder, | 15 00 |
| For the second best, to Thomas G. Whytal, | 10 00 |
| Cut Flowers.—For the best display, to F. Winship, | 6 00 |
| For the second best, to J. Nugent, | 5 00 |
| For the third best, to J. Murray, | 4 00 |

PRIZES AWARDED AT WEEKLY EXHIBITIONS DURING THE SEASON.

HYACINTHS.—For the best display, not less than ten varieties, to R. M. Copeland, . . . . . 4 00
TULIPS.—For the best twenty distinct varieties, to J. S. Cabot, . 5 00
For the second best, to Hovey & Co., . . . 4 00
PANSIES.—For the best twelve distinct varieties, in pots, to Parker Barnes, . . . . . 6 00
HAWTHORNS.—For the best display, to F. Winship, . . 3 00
For the second best, to E. A. Story, . . . . 2 00
HARDY AZALEAS.—For the best display, to Hovey & Co., . . 6 00
For the second best, to F. Winship, . . . . 4 00
For the third best, to M. P. Wilder, . . . . 3 00
SHRUBBY PÆONIES.—For the best six varieties, to M. P. Wilder, . 5 00
For the second best, to J. Breck & Son, . . . 4 00
For the third best, to Hovey & Co., . . . . 3 00
HERBACEOUS PÆONIES.—For the best ten varieties, to Hovey & Co., 5 00
For the second best, to M. P. Wilder, . . . 4 00
For the third best, to J. Breck & Son, . . . 3 00
AQUILEGIAS.—For the best display, not awarded, . . . 5 00
For the second best, to Mrs. William Ashby, . . . 3 00
For the third best, to F. Winship, . . . . 2 00
PINKS.—For the best six distinct varieties, to J. Breck & Son, . 5 00
HERBACEOUS PLANTS.—For the best display, to Parker Barnes, . 6 00
For the second best, to F. Winship, . . . . 4 00
For the third best, to Evers & Co., . . . . 2 00
HARDY ROSES.—Class I.—For the best thirty distinct varieties, to J. Breck & Son, . . . . . 8 00
For the second best, to Evers & Co., . . . . 6 00
For the third best, to W. C. Strong, . . . . 4 00
For the fourth best, to Galvin & Hogan, . . . 3 00
Class II.—For the best twenty distinct varieties, to Galvin & Hogan, . . . . . 7 00
For the second best, to J. Nugent, . . . . 6 00
For the third best, to J. Breck & Son, . . . 4 00
Class III.—For the best twelve distinct varieties, to Galvin & Hogan, . . . . . 5 00
For the second best, to Parker Barnes, . . . 3 00
For the third best, to Evers & Co., . . . . 2 00
Class IV.—*Hardy Perpetual Roses.*—For the best ten varieties, to F. Winship, . . . . . 5 00
For the second best, to Galvin & Hogan, . . . 4 00
For the third best, to J. Breck & Son, . . . 3 00
Class V.—*Climbing Roses.*—For the best display, not less than four varieties, to James Nugent, . . . . 5 00
For the second best, to J. B. Moore, . . . . 4 00
For the third best, to Hovey & Co., . . . . 3 00

Spireas.—For the best display, now awarded, . . . 3 00
For the second best, to Hovey & Co. . . . 2 00
Summer Phloxes.—For the best ten distinct varieties, to J. Breck & Son, . . . . . 5 00
For the second best, to Hovey & Co., . . . 4 00
Carnations and Picotee Pinks.—For the best ten varieties, to Hovey & Co., . . . . . 5 00
For the second best, to Evers & Co., . . . . 4 00
For the third best, to J. Hyde & Son, . . . 3 00
Hardy Rhododendrons.—For the best display of the season, to Hovey & Co., . . . . . 6 00
Others not awarded.
Double Balsams.—For the best eight varieties, in spikes, not awarded, . . . . . 4 00
For the second best, to J. Breck & Son, . . . 3 00
For the third best, to J. Nugent, . . . . 2 00
Phloxes.—For the best ten distinct varieties, to J. Breck & Son, . 5 00
For the second best, to Hovey & Co., . . . 4 00
For the third best, to J. Nugent, . . . . 3 00
Petunias.—For the best collection, to Barnes & Washburn, . 4 00
For the second best, to J. Breck & Son, . . . 3 00
For the third best, to F. Winship, . . . . 2 00
Annuals.—For the best display, to Barnes & Washburn, . . 6 00
For the second best, to J. Breck & Son, . . . 4 00
For the third best, to J. Nugent, . . . . 3 00
German Asters.—For the best thirty flowers, not less than ten varieties, to Hovey & Co., . . . . . 5 00
For the second best, to Jonathan French, . . . 4 00
For the third best, to Evers & Co., . . . . 3 00
For the fourth best, to J. Breck & Son, . . . 2 00
Dahlias.—For the best yellow, to Barnes & Washburn, . . 1 00
For the best variegated, to Barnes & Washburn, . . 1 00
For the best crimson, to J. Nugent, . . . . 1 00
For the best very dark, to C. Copeland, . . . 1 00
For the best edged or tipped, to J. Nugent, . . . 1 00
Class I.—*Prizes not awarded.*
Class II.—For the best twenty-four dissimilar blooms, not awarded, 8 00
For the second best, to C. Copeland, . . . . 5 00
Class III.—For the best eighteen dissimilar blooms, to C. Copeland, . . . . . 6 00
Others not awarded.
Class IV.—For the best six dissimilar blooms, to J. Nugent, . 5 00
For the second best, to C. Copeland, . . . . 3 00
Verbenas.—For the best collection, to A. Bowditch & Son, . 4 00
For the second best to J. Breck & Son, . . . 3 00
For the third best, to Barnes & Washburn, . . . 2 00
For the best new seedling, with foliage, to Edward S. Rand, jr., the Society's silver medal, for V. Annie alba.

PRIZES AWARDED AT THE ANNUAL EXHIBITION.

BOUQUETS.—For the best pair, suitable for the Bradlee vases, the Bradlee plate, to Galvin & Hogan, valued at . . 10 00
For the best pair, for the Jones vases, to F. Winship, . . 10 00
PARLOR BOUQUETS.—For the best pair, to M. P. Wilder, . . 8 00
For the second best, to James Nugent, . . . 7 00
For the third best, to Galvin & Hogan, . . . 6 00
For the fourth best, to Hovey & Co., . . . . 5 00
For the fifth best, to F. Winship, . . . . 4 00
For the sixth best, to E. S. Rand, Jr., . . . 3 00
CUT FLOWERS.—For the best display and best kept during the exhibition, to C. Copeland, . . . . . 15 00
For the second best, to E. S. Rand, Jr., . . . 12 00
For the third best, to F. Winship, . . . . 10 00
For the fourth best, to Barnes & Washburn, . . 8 00
For the fifth best, to J. Breck & Son, . . . 6 00
POT PLANTS.—For the best display of not less than twenty pots, to J. P. Cushing, . . . . . 25 00
For the second best, to M. P. Wilder, . . . 20 00
For the third best, to E. S. Rand, Jr., . . . 15 00
For the fourth best, to T. W. Walker, . . . 12 00
For the fifth best, to F. Winship, . . . . 10 00
For the best specimen plant.—To Hovey & Co., for Cissus discolor, . . . . . 10 00
To E. S. Rand, Jr., for Cympananthe suberosa, . . 8 00
To J. Murray, for Cissus discolor, . . . . 6 00
COXCOMBS.—For the best six pots, to T. W. Walker, . . 3 00
For the second best, to J. Wiley Edmands, . . . 2 00
BALSAMS.—For the best six pots, not awarded, . . . 3 00
For the second best, to T. W. Walker, . . . 2 00
FLORAL DESIGNS OR DECORATIONS.—For the best, to H. H. Hunnewell, . . . . . 20 00
For the second best, to Mrs. William Ashby, . . . 15 00
For the third best, to Thomas G. Whytal, . . . 10 00
For the fourth best, to Jonathan French, . . . 8 00
For the fifth best, to Mrs. E. A. Story, . . . 5 00
For the sixth best, to Mrs. William Kenrick, . . . 4 00

GRATUITIES AT THE WEEKLY EXHIBITIONS.

To William Wales, for displays, . . . . . 24 00
To G. G. Hubbard, for plants, . . . . . 2 00
To Mr. Richardson, for baskets, . . . . . 4 00
To Barnes & Washburn, for display, . . . . 12 00
To W. C. Strong, for the same, . . . . . 5 00
To J. Waterhouse, for the same, . . . . . 3 00
To James McTear, for Styphelia, . . . . . 2 00

To James McTear, for Eriostemon, . . . . 2 00
To the same, for Phaiis, . . . . . 3 00
To the same, for Correa, ne plus ultra, . . . . 2 00
To the same, for Aphelexis sesamoides, . . . . 1 00
To the same, for Phyllanthus latifolius, . . . . 1 00
To the same, for displays, . . . . . 17 00
To Hovey & Co., for the same, . . . . . 11 00
To C. F. Jones, for orchids, . . . . . 4 00
To the same, for Phaiis grandiflora, . . . . 3 00
To J. Hyde & Son, for display, . . . . . 1 00
To Evers & Co., for the same, . . . . . 4 00
To Jonathan French, for the same, . . . . 7 00
To Cambridge Botanic Garden, for the same, . . . 5 00
To Gardner Chilson, for rhododendron, . . . . 1 00
To E. Stone, for display, . . . . . 3 00
To Galvin & Hogan, for Rhododendron Javanicum, the Society's silver medal.
To the same, for displays, . . . . . 17 00
To Thomas G. Whytal, for the same, . . . . 15 00
To Curtis & Cobb, for the same, . . . . . 1 00
To James Murray, for the same, . . . . . 25 00
To James Nugent, for the same, . . . . . 8 00
To A. Bowditch & Son, for the same, . . . . 14 00
To M. Trautman, for the same, . . . . . 4 00
To J. A. Kenrick, for the same, . . . . . 5 00
To Annie C. Kenrick, for baskets, . . . . 2 00
To R. M. Copeland, for hyacinths, . . . . 2 00
To H. Vandine, for display, . . . . . 2 00
To H. H. Hunnewell, for fuchsias, . . . . 4 00
To F. Winship, for display, . . . . . 23 00
To M. P. Wilder, for the same, . . . . . 1 00
To the same, for Downing camellia, the Society's silver medal.
To J. W. Foster, for display, . . . . . 3 00
To F. Bundy, for arum, . . . . . 2 00
To Samuel Cabot, for pansies, . . . . . 1 00
To E. A. Story, for display, . . . . . 4 00
To E. A. Story, Jr., for the same, . . . . . 3 00
To Miss Russell, for baskets, . . . . . 5 00
To J. S. Cabot, for pæonies, . . . . . 3 00
To J. Breck & Son, for display, . . . . . 11 00
To W. E. Carter, for the same, . . . . . 7 00
To Louis B. Schwarz, for the same, . . . . 1 00
To Sarah D. Fiske, for the same, . . . . . 1 00
To C. Copeland, for the same, . . . . . 22 00
To Eliza E. White, for mosses, . . . . . 1 00

GRATUITIES AWARDED AT THE ANNUAL EXHIBITION.

To Miss E. M. Harris, for design, . . . . 4 00
To Miss Anna C. Kenrick, for the same, . . . . 2 00
To Mrs. W. P. Haughton, for the same, . . . . 4 00
To Miss S. A. Russell, for the same, . . . . 3 00
To Mrs. William Richardson, for the same, . . . 4 00
To Mrs. E. L. West, for the same, . . . . 1 00
To E. S. Rand, Jr., for hand bouquets, . . . . 3 00
To William E. Carter, for mantel bouquets, . . . 5 00
To J. Breck & Son, for parlor bouquets, . . . . 1 00
To A. Bowditch & Son, for the same, . . . . 1 00
To Galvin & Hogan, for parlor bouquets, . . . . 2 00
To H. S. Mansfield, for bouquets, . . . . . 1 00
To Hovey & Co., for frame bouquets, . . . . 6 00
To J. Breck & Son, for large bouquets, . . . . 3 00
To Miss E. M. Harris, for pressed flowers, . . . 3 00
To J. W. Foster, for stand bouquet, . . . . 2 00
To Mrs. J. Lombard, for elegant decoration, . . . 10 00
To E. S. Rand, Jr., for Nymphæa cœrulea, . . . 10 00
To Hovey & Co., for pot plants, . . . . . 5 00
To A. Bowditch & Son, for the same, . . . . 3 00
To E. S. Rand, Jr., for Achimenes, . . . . 3 00
To W. C. Strong, for Cissus discolor, . . . . 2 00
To H. A. Graef & Son, for Wardian cases, the Society's silver medal.
To A. Bowditch & Son, for cut flowers, . . . . 5 00
To Hovey & Co., for the same, . . . . . 4 00
To James Murray, for the same, . . . . . 3 00
To James Nugent, for the same, . . . . . 2 00
To Richard Sykes, for dahlias, . . . . . 1 00
To T. Smallwood, for cut flowers, . . . . 1 00
To T. W. Walker, for the same, . . . . . 1 00
To E. Stone, for the same, . . . . . 1 00
To G. G. Hubbard, for the same, . . . . . 1 00
To E. A. Story, Jr., for the same, . . . . 1 00

# REPORT OF THE COMMITTEE ON FRUITS

## For the Year 1857.

### BY EBEN. WIGHT, CHAIRMAN.

The Committee on Fruits present to the Society a Report of their doings for the year 1857. Previous to the opening of the Hall, the last week in May, contributions were shown weekly in the library-room of the Society.

Winter apples and pears, forced grapes, peaches and strawberries, assisted to make the shows quite interesting during the late winter and early spring months, and for these contributions we were mainly indebted to Messrs. C. S. Holbrook, M. H. Simpson, J. Fisk Allen, and Henry Vandine.

Again, the season has been most unpropitious for apples, cherries and pears, in consequence of the unfavorable state of the weather during the time of the setting of the fruit.

Though the past winter was one of almost unexampled severity in horticultural annals, there was a full blossom of the above named fruits, leading us to hope for a good crop, till it became too evident that little or no fruit would set. So cold had been the winter of 1856–7 as to destroy Isabella grape vines, in many cases, vine and root, and even some of those which had stood out without any protection for twenty years. Many pear trees, such as the Bartlett, Louise Bonne de Jersey, Beurré Bosc and Marie Louise, were killed to the ground. These varieties seem to have suffered badly in almost every direction in this vicinity, while most other varieties seem to have passed the winter without the slightest injury. These facts are worthy of note.

Though the general crop of apples and pears has been less abundant than usual, such as have been grown were nearly equal to what they might have been had there have been a full crop and we had been obliged to resort to the process of thinning out. It is hardly possible to say what would have been the crop of cherries, for the few or many which were in process of ripening were secured by the robin.

Probably no city in the Union is so highly favored as is our own in the number of enthusiastic horticultural amateurs, who make the subject a pleasure, looking after, closely watching and encouraging the growth of fruit trees, planted by their own hands, during the leisure of business.

The Committee feel that they would fail in duty did they omit to mention one of the most perfect fruit gardens comprised in this vicinity, viz., that of Mr. Ariel Low's, Roxbury, the whole grounds consisting of about one acre. At the commencement Mr. Low selected pear trees which were in bearing and planted them in soil deeply trenched, and mixed with soil fresh from the woods, and in this he showed his clearsightedness at the very outset. Notwithstanding his trees have been planted out only some four or five years, they were loaded with the very choicest specimens of pears, which had been judiciously thinned so as to leave them handsomely dis-

tributed over the whole tree. It would have been a difficult task to have found an inferior specimen after going the rounds of the whole garden. On referring to the list of awards of premiums made at the Annual Exhibition, it will be noticed that Mr. Low was enabled to carry off one of the premiums for the "best ten varieties." It is an encouragement to beginners, to know that so much can be done on so small a piece of ground, and in so short a time. Any one designing to lay out a small fruit garden, would do well to make a visit to the garden of Mr. Low and take a lesson from one who is deservedly entitled to the thanks of his horticultural brethren for the accomplishment of so much in the brief time allotted.

A Sub-Committee also visited the fruit garden of Mr. John Gordon, Brighton, which comprises some three or four acres, the most part of which has been deeply trenched and underdrained. The grounds are entirely covered with pear trees, thickly planted, about two thirds of which are on the quince—and so thickly planted that he does not grow vegetables (as a general thing) among his trees. Mr. Gordon confines himself to only a few varieties, since he grows for market, and by experience has learned what varieties will and what will not pay a handsome return. He says he finds a ready sale for those having a reddish or a russety skin, while those with a green skin could not be disposed of. All his fruit is carefully gathered by hand, and some four days before designing to market it he takes his fruit boxes, which are about twenty inches square and six or eight inches deep, and places some woollen substance over the inside bottom; he then places a layer of pears and then another layer of woollen, and another layer of pears, covering the whole with woollen. In no case does he pack more than two layers of fruit.

The fruit is then allowed to go through a *sweating process*, which serves to give it a rich coloring, and it is then sufficiently ripened for market. We asked him if cotton batting would not answer the same purpose? He said cotton would not ripen them so fast; that some woollen substance was better, as being more expeditious, and that it left a finer blush on the skin.

Mr. Gordon is noted for his fine specimens of pears, which command the highest price. He instanced a fact in regard to his Bartletts, that, "while his were yielding him ten dollars per bushel, other wagons, by the side of his, had pears of the same variety, equally as large, but in consequence of retaining a green skin were offered at three dollars per bushel."

And we would here say, that to the perfect completion of a good fruit garden, it must be thoroughly *underdrained.* If possible, let it be done before setting out the trees, though it could be done at some future day, with some slight root pruning; which might not prove injurious if carefully managed, only let it be remembered that *it must be done.*

Apples, in quantity, have been an entire failure; yet dishes of fine specimens have been shown during the season, (with the exception of winter varieties,) which would favorably compare with former years. This, we believe, is the first year since the formation of the Society, when there has not been a competition for the premiums offered for winter apples. This year there was not a single dish presented on the third Saturday in

December, (the day assigned,) plainly showing that superior specimens were not to be had.

Amongst the seedlings handed in, we would mention in terms of commendation *for the table*, a red apple, under medium size, shown by Austin J. Roberts, Middleborough, Mass. In a note to the Committee Mr R. says, "these apples are of uniform size, great productiveness, and possess the property of long keeping." The Committee can bear witness to its handsome appearance and good flavor. The apple originated in Pike County, Illinois.

A single dish of the Melon (Norton Melon) was exhibited. This apple originated in the State of New York, is slow of growth while young, but proves prolific, is a handsome apple, of delicious flavor, and is in eating from November to February. Red apples, on a yellow or russety ground, command a good price for the table, when it would be difficult to dispose of such as have a green skin. For this reason, the Gravenstein, Hubbardston, Fameuse, Polish, Mother, and Baldwin are sold readily for dressing off tables. Sweet apples, during winter, also command a good price, and well repay for culture.

Apricots have proved an entire failure, so much so, that there has not been made a single award under this head, and we are inclined to the opinion that the culture of this fruit, together with the plum, will have to be abandoned, on account of injury from the curculio.

Blackberries have been brought in abundantly during its season, and for a much longer time than usual. Mr. James Nugent continued to show them, for the reason that the first shown were grown on a southern exposure, while those shown at a later day were grown under a northern exposure. The variety shown by Mr. Nugent was the Dorchester, and it will be noted that every premium was carried off by the Dorchester, though the Lawton was shown in abundance. And it is worthy of mention, that in each and every instance where the Committee questioned the contributors for the purpose of learning their individual opinion as to the merits of the one or the other variety for market, there was not a single dissenting voice as to the superiority of the Dorchester over the Lawton—in fact, nearly all said they should abandon the cultivation of the Lawton as not repaying them sufficiently well while they could have the Dorchester.

Though some of the Committee believe both possess merit, a large minority do not deem the Lawton even worth cultivating, except for a small garden, where they can be picked and such as are ripe selected for the table: if picked previous to maturity it is not even palatable. While the Dorchester is not lacking in any one requisite which the Lawton possesses, it is superior in many respects to the latter. The Dorchester is of superior flavor; the berry is much larger; is equally as hardy, and fully as prolific, and when ripened bears carriage, and therein is decidedly superior to the Lawton. The former retains its black lustral quality, while the latter, immediately after picking, changes to a reddish bronze, and to most tastes its sour or acidulous flavor is not agreeable, and it would require an additional amount of sugar to make it palatable. The Committee have

carefully tested them during the last two years, and our opinion is unanimous in favor of the Dorchester. The Dorchester is a seedling; so, also, is the Lawton, (though it is a mooted question,) and *not* the common blackberry which springs up by the wayside, and is sometimes transplanted for garden culture in the vain hope of its proving equal with the two above named.

We would again remind cultivators that to insure a prolific crop it is absolutely necessary to train the stalks horizontally in order that shoots may break at every eye, while, if allowed to grow upright, they only break at the top. Mr. Merriam, who has had most eminent success in fruiting it, says he does not obtain a full crop till the third year of planting.

Cherries.—Several seedlings have been tested by the Committee, but none have proved of superior merit. It will be seen that the awards were given to old established varieties, viz., Black Eagle, Black Tartarian, and Napoleon Bigarreau. Messrs. Hovey contributed their Seedling, called "Hovey," July 18th, and the specimens were of marked superiority, probably from the fact that the tree is more fully matured; the quantity shown was not sufficient, however, to compete for premium, and even these few were saved from the birds under the protection of netting.

Only a few of the many seedlings raised by Dr. J. P. Kirtland, Cleveland, Ohio, have been fruited in this section, but such as have been give promise of productiveness and quality over many of the older varieties of foreign origin. Those of a dark color are Black Hawk, Osceola, Brant, Logan and Pontiac. Those with a red skin are Gov. Wood, (one of the very best) Kirtland's Mary, Cleveland, Hoadley, Favorite, and Kinicott.

Currants.—The White and Red Dutch were the best grown, and the Victoria was nearly equal. W. C. Strong made a liberal display of new varieties, though not in sufficient quantity to compete for premium; a few of the new varieties were the Circassian, Red Grape, Versailles, and Macrocarpa.

Figs.—There were several contributors of this fruit, though the largest and best display at any one time was made by General Newhall. These were ripened off in the open air.

Gooseberries.—There does not seem to have been much headway made in the culture of gooseberries since the introduction of Houghton's seedlings, some twenty years since; and we are surprised that no good seedlings have been brought to notice till within the last year or two. We now have the promise of a superior seedling, raised from the Houghton, which, like the original, is not subject to mildew. It was produced by Mr. Charles Downing, another by the Shakers at Lebanon, N. Y., and still another by Mr. Smith of Vermont. All three give good promise as to quality, fruitfulness and freedom from mildew.

This is really one of the most valuable fruits of its season in England, where it is raised in the perfection of nearly an ounce to the berry.

Grapes—grown under glass—have been raised in such abundance the past year that our tables have been graced with them, from week to week, for nearly the whole year. Mr. Simpson has been eminently successful in his novel mode of culture. From vines started in August, he cut grapes

in December, and in January and February made liberal contributions for the Society's tables.

The Committee is much indebted, from year to year, to J. Fisk Allen, Salem, for valuable information on this subject. He has made the culture of grapes a special object, and his discriminating eye and close observation will always prove valuable. We would call the attention of the Society to his remarks relative to the identity of the Barbarossa, believing Mr. A. has given the subject the closest scrutiny. Acknowledging our obligations to Mr. A., we herewith incorporate into our report his communication, received a few days since:

EBEN. WIGHT, *Chairman Fruit Committee Mass. Hort. Society:*

Dear Sir,—In reply to your queries I would say, that the noticeable fact in grape culture in our vicinity the past season of 1857, has been the great increase of mildew, and the crop of fruit has been greatly diminished thereby. The wild grape, as well as the Isabella and Diana, have been attacked—the Clinton, in my garden, being the only variety that has not been affected. The Diana escaped with only slight injury, but the fruit suffered somewhat from the rot, a rare occurrence with any variety in our section. Notwithstanding an unusual amount of rain and cloudy weather, the mildness of the autumn enabled the Isabella and Diana vines to ripen crops of fine grapes, when sulphur had been used in quantity sufficient to check the mildew. A vine on the south of my dwelling yielded one hundred pounds of as rich, sweet fruit as ever the South produced; and this vine, for thirteen years, has never failed to mature a full crop.

Several of my hybrid vines withstood the cold of the last winter, with the mercury twenty degrees below zero. Being injured by mildew, and also growing in a cold, wet soil, the fruit did not sweeten sufficiently; on a wall, in a warm, dry situation, they would mature with the Isabella, and I think would be preferred, as less pulpy and foxy. The berry is oval and black, as large or larger than the Isabella, the form and size of the bunch like this variety.

Another vine, that fruited for the first time this year, was the worst thing imaginable,—small, foxy and sour.

No. 19 fruited for the fourth time. The quality was good, but it did not set its fruit well. This was a general trouble with many wild grapes this year,—the cause, apparently, being some defect in the blossom. The flower is perfect, but the stamen is short, and the anther bursts and spreads its pollen under the pistil, and not over it, as it should do. It must be considered a defect.

No. 8—a black, late hybrid that I have thought well of, and that previously had withstood twelve degrees below zero of frost—was killed to the ground. This can only be suitable for the South.

In my garden, the Early Amber ripened well and early. The fruit is good, but the vine drops the grapes so badly as to destroy its value for the table. The Sage was ripe early in September. It is the best of the large wild fox grapes, and requires a dry, warm soil.

The Union Village and the Rebecca both mildewed more than the Diana. The Delaware, in our vicinity, did mildew some, but slightly.

It appears that the prospect for success in the field or vineyard culture of the grape in Massachusetts is not very flattering. On walls fronting from south-southeast, round on the southern side to west-northwest, they will do well; an eastern exposure is subject to mildew.

With the cultivation under glass, the season has been rather unfavorable. A cold and cloudy winter and spring retarded the ripening of the early crops, and delayed the maturity of the later ones several weeks. Here, again, the mildew made sad ravages, and sulphur had to be used for the first time in my experience in a winter forcing house.

The extreme cold of the winter killed to the ground many Hamburgh vines. In one of my houses, (a span-roofed,) six or eight Black Hamburgh vines were killed root and branch, and this also is the first experience of the kind in twenty-three years' cultivation. The Muscat of Alexandria and the Queen of Nice were also killed to the roots. The Syrian was badly injured. The vines uninjured were the Royal Red Chasselas, Bar Sur Aube, Rose Chasselas, Chasselas Masqué and the White Frontignan. As the Chasselas with the Isabella produced the White Hybrid, it is satisfactory to know that this is more hardy than many kinds. The Black Hamburgh and the Black Prince were also used in hybridizing, and the produce of the former is apparent in No. 19; of the Black Prince, in one named the Marion.

Fire heat had been kept in this house during the months of October, November, and a part of December. After the vines were pruned and laid down, they were covered with matting, and shutters put to the side lights, and the fires allowed to go out. It is uncertain whether these vines were more tender in consequence of the fires.

The question relative to the Barbarossa grape may be considered as settled. The Prince Albert and Barbarossa, if not identical, are so like as not to be worthy of distinctive names. The foliage and manner of growth, which is peculiar, is similar in both. The fruit is sweet, hard, good and valuable for its late maturity, but it is inferior to the Black Hamburgh. I have suspended a part of a bunch of the Barbarossa with the Prince Albert on a fruiting vine. By testing the flavor and firmness of the berry in eating the fruit, first of one and then of the other, and by comparing the size and form of the berry, I have concluded that I can discover not the slightest difference in them.

The Prince Albert has been exhibited by me for several years (with the exception of 1856, when my vines did not fruit). The bunches are large, often weighing four and five pounds. The grapes vary in size, some being of the largest, some medium, and others small. I will soon send to your exhibition a specimen bunch of the Prince Albert for your examination. At this time the bunches still have unripe berries in them.

Respectfully yours,

JOHN FISK ALLEN.

*Salem, Mass., Dec. 11th,* 1857.

GRAPES—OPEN CULTURE.—It is but a few years since we could speak of our native grapes in higher commendation than we now speak of the wild grape of the woods, of a foxy smell and hard pulp. Such vines are often transplanted from their wild state to the homestead, with the expectation of an improvement in quality. The object is *futile*, for all manuring and care will never divest it of its hard pulp or foxiness. There are some who never have tasted anything better, and still adhere with tenacity to a hard pulp and strong foxy flavor, believing it the best grape grown. Such an one was the man who was recently shown a handsome bunch of the Rebecca, and advised to plant a vine of this variety. He insisted that he had a large white grape, which he had transplanted from the woods, and "so perfectly delicious was it, that it could be smelt over the whole house."

The new varieties have attracted much attention, since we have little or no hope of success with either the Catawba or Isabella, except in the most favorable location, in this region. Mr. Cutter has shown the Isabella, though hardly equalling those of past years, while Mr. Grant has shown the Isabella and Catawba. Some few others have shown the Isabella, grown in the city or in the immediate vicinity. This, however, is no criterion for general culture, for we have had Black Hamburghs, Sweetwater, and other tender grapes grown on walls in the city. What we want, is a grape of a quality not inferior to the Isabella, and ripening seasonably to insure a crop previous to the autumn frosts, and this we think we have in several new seedlings, unless the mildew should prove destructive—and, from its ravages the past season, we have reason to fear our worst predictions may be verified, unless, with the aid of sulphur, it should be stopped.

The CONCORD, so often spoken of heretofore, has ripened in many instances where the Isabella has failed. Mr. Bull has shown them in abundance, but few others have done so, probably for the reason that it has not been planted out a sufficient length of time to allow of a liberal show. Those shown by Mr. B. were large, both in bunch and berry, and few grapes prove more attractive than does the Concord, with its rich bloom overlaying every berry. It is a valuable acquisition, and Mr. B. is deserving of a liberal reward for his patient waiting, biding the time when the community will say he should be amply compensated for originating so valuable a grape.

The REBECCA has now become so popular for its early ripening, good qualities and hardiness that if not already in the hands of most grape growers, it soon will be. It is one of the most valuable grapes for out-door culture that has ever been introduced amongst us; and then, too, it is so easy of propagation, that in the hands of almost any person it can be multiplied ad libitum. A person procured one dozen vines in the autumn of 1856, and immediately commenced its propagation in earnest, as may be judged; for he assures us that from that dozen vines he should have ready potted and for sale, *three thousand* vines for the spring of 1858. We were glad to have such evidence of its readiness to propagate, believing that it should be in the hands of every one owning the smallest piece of ground.

Not so, however, with the DELAWARE; this proves one of the most difficult of propagation, either from eyes, cuttings or layers, hence it must for a length of time be procured with difficulty. We regret this, for it is one of the most valuable not only for its earliness of ripening, but for its hardiness in withstanding almost any degree of cold to which it can ever be subjected. The Chairman of your Committee has had a vine of this variety planted out for four years, which withstood the winter of 1856–7, without injury to the extent of a single inch of even the smallest shoot, while an Isabella of the same age and on the same trellis was killed, both root and branch; the Diana, alongside, was killed to the ground.

The Delaware, on its fourth year, was allowed to ripen fifty bunches, which, for the table, proved most desirable. As a table-grape we see no reason why it is not equal to the Rose Chasselas; at least, it is a good substitute for either that or the Red Traminer. The past season (for the first time,) it was subject to mildew, though slightly, when compared with other varieties in its immediate vicinity.

The mildew has been the most serious drawback we have to contend with in open culture; at least such was the difficulty the past season, and unless the application of sulphur will serve to retard it, we do not see any reason why we may not be obliged to abandon the culture of the vine. The free use of sulphur accomplishes its object under glass, and perhaps there is no good reason why it should not for out-door culture. The past season was so wet that the mildew was much more serious in its ravages than in any former period within our recollection.

The UNION (Union Village) has this year surpassed those of any former exhibition; the bunches weighed more than one pound each, and the berries were considerably larger than the general average of Black Hamburghs as we find them on the tables of the Society. The grapes were shown by E. A. Bracket, Winchester, and since Mr. Bracket prides himself on the introduction of this seedling (from the Isabella,) it is fair to presume that by judicious thinning of the bunches and constant attention for the encouragement of its growth he was determined to astonish the public; however, what has been done can be done again by others who have been so fortunate as to possess themselves of a vine.

In corroboration of its resemblance to the Black Hamburgh, we will mention an anecdote, which seems well vouched. A distinguished culturist of the vine, and probably the largest in this country, (who is a dear lover of this variety for his family board,) presented bunches at the exhibition of one of the most distinguished of our sister Societies, whose judges are not second to those of any kindred Association. Accompanying the grapes he sent a note, asking if they had ever seen better grown Black Hamburghs? So close was the resemblance of bunch and berry, that the highest premium was awarded the contributor as the best Black Hamburghs, and were not aware of their mistake till informed by the contributor. The berry has not the consistency of the Hamburgh, while it possesses a sweetness at once distinguishable even to the most common observer, and it is fair to presume that the Committee neglected testing the fruit. It is one of the most rampant

growers, and Mr. Brackett *claims* that it will ripen as early as the Isabella. Of this fact we cannot speak any more decidedly till it shall have become more widely disseminated, and in other hands and other localities, for we should judge the location selected by Mr. Brackett as most favorable for the fruiting of the vine. On referring to Mr. Allen's communication it will be seen that the Union, as well as the Rebecca, did mildew. The Union, in possession of your Chairman, did not show a particle of mildew. It was planted in ground, the subsoil of which is a coarse gravel, and the field had been subsoiled to the depth of two feet or more. There was also in the same row, to stakes or posts, the Concord, Isabella (Cutter's,) Diana and Breck, none of which showed mildew in the least. To be sure, the drainage was, as a matter of course, good, and to this fact alone may possibly be attributed the escape from mildew.

The Logan is a new grape, and was this year introduced for the first time at our Annual Exhibition, by Geo. W. Campbell, Delaware, Ohio. It is a black grape, with a rich blue bloom, larger than the Diana, but not so large as the Isabella. The bunches were of the size of the Diana. We should judge that it must ripen earlier than any other grape with which we are acquainted, and this fact, added to its good quality and sweet flavor, will insure its rapid introduction to notice.

We have the pleasure of introducing the history (so far as known) of the Logan, from Mr. Thompson:—

Delaware, Ohio, January 9, 1858.

Eben. Wight, *Chairman Fruit Committee Mass. Hort. Soc.*

Dear Sir:—In compliance with the request contained in your favor of 31st ult., I with pleasure give you such information as I am in possession of regarding the history of the *Logan Grape.*

My attention was attracted to it some four or five years since in one of the Miami Valley counties, where it was cultivated both as the Catawba and the Isabella, though bearing not a particle of resemblance to either, being as distinct from them in fruit, wood and foliage as is the Delaware. The authorities as to its origin I found conflicting—one party claiming that it came from the woods in Logan County in this State; the other, that the first vine is from one of a promiscuous lot of cuttings received from a distant friend, and planted by a lady. The first party claims that the fruit was cultivated in that locality long anterior to the planting of the cutting referred to—the other admits that the grape *he* refers to was cultivated before the cutting was planted, but insists that *hers* is a different, an earlier and a better fruit. My opinion, as at present advised, is that the fruit and vines are identical, the better location of that from the cutting (south side of a house) accounting for its earlier ripening. My opportunities for comparison have not, however, been such as would be desirable in order to warrant a positive decision; but I am now testing the matter myself, on my own premises, and hope soon to be able to settle that point.

The vine is a fair grower, leaves deeply serrated, wood short-jointed, and of that firm compact texture which is indicative of hardiness, the young

shoots covered with an outer bark of a peculiar gray color, and the old wood presenting an unusually rough and ragged exterior. It is a profuse bearer, the bunches, when left unpruned and illy attended, generally small and loose, but under good culture of good size, and compact; the berries nearly round, deep black, and covered with a handsome bloom; quality better, in my view, than the Isabella; and in this opinion I am sustained by most judges of fruit who have tested it. It is thoroughly hardy, and may, I think, safely be called our *very earliest* grape of good quality.

Not recognizing it as any grape with which we are acquainted, and being unable to have its identity established through others, myself and a horticultural friend and admirer of the fruit concluded to call it *Logan*, in reference to the supposed place of its origin, and as a compliment to the memory of the distinguished Indian chief of that name.

Yours, truly, A. Thomson.

Mr. Thomson is a distinguished horticulturist, and his name is familiar to the readers of the Horticulturist and Hovey's Magazine as the person who was most instrumental in bringing to notice the Delaware grape. Here we have, in the Logan, the promise of a grape, ripening earlier than almost any other, leading us to hope, that, ere long, through the aid of seedlings from this and others, we may attain all that we have desired in past years for open culture.

There are yet several other seedlings of great promise as to quality, earliness and hardiness, the properties of which we think we cannot be mistaken in, that will not be brought to the notice of the public till they shall have been most thoroughly tested by the originators.

We had intended saying something of seedling grapes, heretofore spoken of in former reports, but the room already occupied under this head prevents our extending the remarks at this time.

We introduce a letter from E. A. Brackett, in reference to the character of various new grapes, and their growth the past season:—

Winchester, January 2, 1858.

Eben. Wight, *Chairman of Fruit Committee of Mass. Hort. Soc.*

Dear Sir:—I have received your inquiry respecting my vines. I need not say that the past season has been a poor one for open culture. Almost every vine in my vineyard has suffered from mildew. My crops of the Diana, Concord, Isabella, and Wyman, were entirely cut off. Indeed the only specimens of ripe fruit I obtained were from the Delaware and the Union.

The Concord has never been a favorite with me as a table grape; but from some experiments I have made, and from samples I have received from Mr. Bull, I am satisfied that a wine may be made from it not inferior to the best brown sherry. If such should prove to be the case this grape will assume an importance that will more than compensate for any disappointment that may have been felt respecting its flavor.

The Delaware is a most desirable grape for this climate. It is a good bearer, ripening its fruit some three weeks earlier than the Isabella, while

the vine is as hardy as an oak. I received the Union grape from Mr. Longworth of Cincinnati. In his note to me he stated "that it was a larger grape than the Black Hamburgh, thinner skin, softer pulp and more juicy." I have found it fully up to his statement. With me it ripens from a week to ten days earlier than the Isabella. The fruit I have shown at your rooms has never received any special care or attention, and I have no doubt that bunches may be grown twice as large as any I have exhibited. It is an enormous grower, making wood double the size of any other vine. In a light sandy or gravelly soil it succeeds well, making short-jointed canes, and producing a good crop of fine fruit.

Those who follow the prevailing notions of grape culture, and plant this vine in one of those compost or manure heaps called borders, will be astonished at its growth, and still more astonished *when* they *see* the fruit.

It is important to those who wish to grow the Union grape in this section of the country, either to adopt the system of training detailed to you in a former letter, (see the Report of 1857,) or resort to some other method to check its over luxuriance.

Yours truly, E. A. Brackett.

Native Wine.—*Saturday, Sept. 19th.*—At the solicitation of Messrs. E. Paige & Co., of Boston, a full Committee, with the addition of several horticulturists from a distance, then attending our Annual Exhibition, made a visit to their manufactory and wine vaults, under the City Reservoir, where they found, in the process of pressing, several tons of native grapes; and were assured by Messrs. Paige & Co. that the whole amount they would make into wine this season would exceed sixty tons, yielding over 20,000 gallons of wine. The grapes were mostly from our own State, though several lots were received from Connecticut. One person from Cape Cod supplied about eight tons.

The space allowed us will not admit of our going into particulars; but we would call attention to the native grape as an object of profit, in many instances, since it can be grown in abundance, where it is planted by the side of a stone wall—the liberal price paid by Messrs. Paige & Co. affording compensation for the little care and labor required. As to the quality of the wine, although it was not of sufficient age to enable us to pronounce a positive opinion on it, some of our amateurs, who have had a more extensive acquaintance with other samples from the establishment of Messrs. Paige & Co., speak of it in terms of commendation. Messrs. Paige & Co. have also produced a brandy from the pulp and skins of the grape, after the juice had been expressed, which, according to the opinions of connoisseurs, is likely to become a valuable article for medicinal and other purposes.

Melons.—For open culture the *Christiana* is the only variety which has been shown of marked superiority, and, as usual, the highest premium was taken by E. M. Richards. Mr. Richards first received his seeds from the late Josiah Lovett, the originator of this most excellent melon. Mr. Richards has not grown any other variety, and for this reason he has been enabled to keep it in its original purity.

Nectarines, grown under glass, have been contributed liberally during the season by J. F. Allen and others. Those shown by Mr. Harris, gardener to H. H. Hunnewell, were the Stanwick, which eclipsed all others, both last year and the present.

Peaches.—Forced peaches were more fully brought in this year, during the early months,—and subsequently to July we had handsome displays from houses without the aid of fire heat. Orchard culture proved almost an entire failure.

Pears.—The season not having been very favorable to the pear crop, a limited number of new varieties have fruited the present year, and such as have been exhibited have not been very remarkable specimens. What we have said previously in regard to the excellence of our American seedlings, we have found verified by the experience of another year. Many of them were among the finest pears exhibited, and few handsomer specimens were shown than those of the Adams, Sheldon, Abbot, Boston, Seckel, Andrews, Lawrence, Merriam, &c.

Such a complete list of the principal varieties of pears presented at the Annual Exhibition has been prepared by Mr. Manning, that we need not occupy space in a more particular reference to them here; at the same time we cannot omit to mention a few kinds which struck us as unusually fine, even in this rather unfavorable season. These were the Beurré Superfin, which promises to become a valuable variety; Beurré Sterckman, very handsome; Abbott, another very excellent native pear; Henkel, of great merit; St. Michael Archange, large and fine.

Merriam, a native, which has seemed to escape the attention of pear cultivators, though known for several years, has been shown in remarkable excellence, attracting the attention of all by its rich warm russet hue, and satisfying all by its many fine qualities; it will become one of the most popular market pears, being an enormous bearer, ripening well, and coming in at a favorable season just after the Bartlett.

The Supreme de Quimper, exhibited by the Messrs. Hovey, proved one of the best early pears, quite equal to the Doyenné d'Eté, and much larger; it will compare favorably with any of the summer varieties, of which the number is yet limited.

The Beurré Clairgeau has been exhibited by several cultivators, and in various stages of excellence as well as beauty. Though the Committee found much difference in the quality of the specimens tested, they believe that when the trees are more advanced and well established, it will prove equal to its reputation. Age is undoubtedly required with this as well as with many other pear trees, before the true qualities of the fruit can be ascertained. Its size and beauty, in addition to its good qualities, will render it a popular kind.

Plums.—The Thomas plum was shown by Messrs. Hovey; a handsome exhibition of the Reine Claude de Bavay, by J. B. Loomis. Also, a fine exhibition was made by Thos. Hastings, of the Diamond.

Henry Vandine has been enabled to continue his exhibition in its usual abundance. No one could compete with Mr. Vandine for quantity

and variety. Honorable mention could be made of others who have shown them, but we do not feel that it would be right to encourage the setting out of plum trees, while so many are cutting down their trees in consequence of the continued depredation committed by the curculio. The unsightly appearance which the trees bear, in almost every direction, makes them mere cumberers of the ground.

Quinces.—The quince seems to have shared the fate of the apple, pear and cherry in the setting of its fruit, if we can judge from our own experience and the small number that have been shown. We might say of this fruit, that the crop has proved an entire failure, throughout the New England States.

Raspberries.—Established varieties have taken the lead this season for all the prizes, yet the Committee still hold to the favorable opinion expressed of the Orange (a seedling by Dr. Brincklé) in their report last year.

A Sub-Committee found the Catawissa in a bearing condition in the grounds of Mr. Breck, who expressed a highly favorable opinion of the variety. Its greatest merit will be in the fact that it is one of the best for procuring seedlings from.

Most of the varieties which are in general cultivation claim to be hardy, withstanding our severe winters without protection. Many of them may be, yet it is better to turn them down and cover every autumn, as insuring an increased crop the following year. It is but little trouble to do it, and it will repay in the abundance of fruit which follows such care.

Strawberries.—Last year the Committee awarded Isaac Fay the Lyman Plate, valued at fifty dollars, for his seedling called "Jenny Lind," being the best seedling strawberry, after a trial of three years. Mr. Fay had exhibited his strawberry for more than three years, but the Committee believed the spirit and meaning of the prospective prize offered was that the fruit should have been tested in regard to prolificness, hardiness, &c., and of this fact we could not have a true knowledge, except through its dissemination. One of the very best strawberries ever grown, Hovey's, was disseminated over the whole country, and there was but one opinion expressed of it; all were unanimous in its favor, and it was some ten years after originating it, that the Society awarded Messrs. Hovey the Society's Plate, valued at fifty dollars.

Though a fruit should have been in the hands of the originator a length of time, and it may be for his interest so to retain it, we do not believe the Society is called on for the fulfilment of its offer under the head of "Prospective Prizes," till the Committee is satisfied that it is the best, in all respects, for the time being. The Jenny Lind strawberry has been shown the past season by several persons, and it has been uniformly good, though the best shown this season was Sir Charles Napier, by Messrs. Hovey.

## ANNUAL EXHIBITION.

The annual exhibition was held at the Music Hall, on Tuesday, Wednesday, Thursday and Friday, the 22d, 23d, 24th and 25th of September.

The most ample arrangements had been made for fruits, allowing sufficient room for our own members and for those coming from a distance.

These occasions of coming together once a year for a grand show, are advantageous in the way of bringing out new varieties of fruit.

The exhibition of apples and pears was not equal to those shown the preceding year. Grapes, peaches, plums, &c. were fully equal to those shown in 1856.

In the appointment of judges, it is always desirable to secure the services of those from a distance, who are known to be well qualified for the task assigned them, and who are not competitors—having a fitness for the duty, and not likely to err.

Though every contributor may believe that his own fruit is better than his neighbor's, and, could he have the distribution of awards, his own would unquestionably come in for all the highest premiums which he could lay claim to,—he would do it honestly, too,—believing that he had arrived at a just conclusion, and probably with the same feeling that a mother looks on her own child, perfectly satisfied that it is the handsomest.

The Committee on Pears, after making a list of those of the greatest excellence as a guide, proceeded to carefully examine every dish, even to the very bottom. We herewith furnish a list, handed in by Robert Manning, Chairman of that Committee, which will prove valuable as a record for after-time, and may be beneficial for those desiring a select list of pears.

## PEARS OFFERED FOR PREMIUM AT THE ANNUAL EXHIBITION.

The following collections of pears were offered for premium for the best thirty dishes:—

M. P. Wilder—(*1st premium*).

| | | |
|---|---|---|
| Abbot, | Columbia, | Lawrence, |
| Andrews, | Conseiller Ramwez, | Lodge, |
| Adams, | Dallas, | Louise Bonne of Jersey, |
| Auguste Benoist, | Doyenné Boussock, | Nouveau Poiteau, |
| Beurré d'Anjou, | Dunmore, | Onondaga, |
| Beurré Diel, | Fondante d'Automne, | Pie IX, |
| Beurré Langelier, | Glout Morceau, | Triomphe de Jodoigne, |
| Beurré Sterckman, | Gold'n Beurré of Bilboa, | Vicar of Winkfield, |
| Beurré Superfin, | Jersey Gracioli, | Winter Nelis. |
| Baronne de Mello, | Jalousie de Fontenay | |
| Belle Epine Dumas, | Vendée, | |

John Gordon—(*2d premium*).

| | | |
|---|---|---|
| Andrews, | Buffum, | Heathcote, |
| Beurré d'Amalis, | Doyenné Boussock, | Jersey Gracioli, |
| Beurré d'Anjou, | Doyenné, Gray, | Louise Bonne of Jersey, |
| Beurré Bosc, | Doyenné, White, | Marie Louise, |
| Beurré, Brown, | Dix, | Napoleon, |
| Beurré Diel, | Duchess d'Angoulême, | Passe Colmar, |
| Beurré, Easter, | Flemish Beauty, | Paradise d'Automne, |
| Beurré Langelier, | Fondante d'Automne, | Urbaniste, |
| Bartlett, | Glout Morceau, | Vicar of Winkfield, |
| Bonne d'Ézée, | Gold'n Beurré of Bilboa, | Winter Nelis. |

Hovey & Co.—(*3d premium*).

| | | |
|---|---|---|
| Adams, | Doyenné Boussock, | Louise Bonne of Jersey, |
| Beurré d'Anjou, | Duchess d'Angoulême, | Lawrence, |
| Beurré Bachelier, | Duchess d'Orleans, | Marie Louise, |
| Beurré Bosc, | Dunmore, | Nouveau Poiteau, |
| Beurré Clairgeau, | Flemish Beauty, | Onondaga, |
| Beurré Diel, | Fondante d'Automne, | Passe Colmar, |
| Beurré Langelier, | Fulton, | Paradise d'Automne, |
| Beurré Montgeron, | Gerando, | Sheldon, |
| Beurré Superfin, | Glout Morceau, | St. Michael Archange, |
| Bartlett, | Henkel, | Urbaniste. |

Varieties contained in all three of these collections are:—

| | | |
|---|---|---|
| Beurré d'Anjou, | Doyenné Boussock, | Glout Morceau, |
| Beurré Diel, | Fondante d'Automne, | Louise Bonne of Jersey. |
| Beurré Langlier, | | |

Varieties in *two* collections—in the 1st and 2d (Wilder and Gordon):—

| | | | |
|---|---|---|---|
| Andrews, | Jersey Gracioli, | Winter Nelis. | 5 |
| Gold'n Beurré of Bilboa, | Vicar of Winkfield, | | |

In the 1st and 3d (Wilder and Hovey):—

| | | | |
|---|---|---|---|
| Adams, | Dunmore, | Nouveau Poiteau, | |
| Beurré Superfin, | Lawrence, | Onondaga. | 6 |

In the 2d and 3d (Gordon and Hovey):—

| | | | |
|---|---|---|---|
| Bartlett, | Flemish Beauty, | Paradise d'Automne, | |
| Beurré Bosc, | Marie Louise, | Urbaniste. | 8 |
| Duchess d'Angoulême, | Passe Colmar, | | |

Varieties in Mr. Wilder's, and not in either of the others:—

| | | | |
|---|---|---|---|
| Abbot, | Baronne de Mello, | Jalousie de Fontenay | |
| Auguste Benoist, | Columbia, | Lodge, [Vendée, | |
| Beurré Sterckman, | Conseiller Ramwez, | Pie IX, | |
| Belle Epine Dumas, | Dallas, | Triomphe de Jodoigne. | 12 |

In Mr. Gordon's, and not in either of the others:—

| | | | |
|---|---|---|---|
| Beurré d'Amalis, | Buffum, | Doyenné, Gray, | |
| Beurré, Brown, | Dix, | Heathcote, | |
| Beurré, Easter, | Doyenné, White, | Napoleon. | 10 |
| Bonne d'Ézée, | | | |

In Messrs. Hoveys', and not in either of the others:—

| | | | |
|---|---|---|---|
| Beurré Bachelier, | Duchess d'Orleans, | Henkel, | |
| Beurré Clairgeau, | Fulton, | Sheldon, | |
| Beurré Montgeron, | Gerando, | St. Michael Archange. | 9 |

The following collections were offered for premium for the best *twenty* dishes:—

R. W. Ames—(1*st premium*).

| | | |
|---|---|---|
| Andrews, | Doyenné Boussock, | Louise Bonne of Jersey, |
| Beurré Clairgeau, | Doyenné Robin, | Marie Louise, |
| Beurré Diel, | Duchess d'Angoulême, | Nouveau Poiteau, |
| Beurré Gris de hiver | Flemish Beauty, | Onondaga, |
| nouveau, | Fondante d'Automne, | Urbaniste, |
| Bartlett, | Gansel's Bergamot, | Vicar of Winkfield, |
| Columbia, | Henkel, | Winter Nelis. |

Josiah Stickney—(2*d premium*).

| | | |
|---|---|---|
| Andrews, | Bartlett, | Louise Bonne of Jersey, |
| Beurré d'Anjou, | Doyenné Boussock, | Marie Louise, |
| Beurré Bosc, | Duchess d'Angoulême, | Onondaga, |
| Beurré Clairgeau, | Flemish Beauty, | Urbaniste, |
| Beurré Diel, | Fulton, | Van Mons Leon le Clerc, |
| Beurré, Easter, | Glout Morceau, | Winter Nelis. |
| Beurré Langelier, | Jalousie de Fontenay Vendée, | |

A. D. Williams—(3*d premium*).

| | | |
|---|---|---|
| Andrews, | Bartlett, | Buffum, |
| Beurré Diel, | Belle et Bonne, | Columbia, |

Chaumontel, Harvard, Rushmore,
Duchess d'Angoulême, Louise Bonne of Jersey, Seckel,
Flemish Beauty, Maria Louise, Urbaniste,
Fondante d'Automne, Merriam, Williams' Seedling.
Glout Morceau, Napoleon,

Varieties contained in all three of these collections are:—
Andrews, Duchess d'Angoulême, Marie Louise,
Beurré Diel, Flemish Beauty, Urbaniste. 8
Bartlett, Louise Bonne of Jersey,

Varieties in *two* collections—in the 1st and 3d (Ames and Stickney):—
Beurré Clairgeau, Onondaga,
Doyenné Boussock, Winter Nelis, 4

In the 1st and 3d (Ames and Williams):—
Columbia, Fondante d'Automne. 2

In the 2d and 3d (Stickney and Williams):—
Glout Morceau. 1

Varieties in Mr. Ames', and not in either of the others:—
Beurré Gris de hiver nouveau, Gansel's Bergamot, Nouveau Poiteau,
Doyenné Robin, Henkel, Vicar of Winkfield. 6

In Mr. Stickney's, and not in either of the others:—
Beurré d'Anjou, Beurré Langlier, Jalousie de Fontenay Vendee,
Beurré Bosc, Fulton,
Beurré, Easter, V. Mons Leon le Clerc. 7

In Mr. Williams', and not in either of the others:—
Belle et Bonne, Harvard, Rushmore,
Buffum, Merriam, Seckel,
Chaumontel, Napoleon, Williams' Seedlings. 9

The following varieties were offered for premium for the best *ten* dishes:—

W. R. Austin—(1*st premium*).
Andrews, Bezi de la Motte, Louise Bonne of Jersey,
Beurré Diel, Duchess d'Angoulême, Passe Colmar,
Beurré, Easter, Glout Morceau, Winter Nelis.
Bartlett,

William Bacon—(2*d premium*).
Andrews, Dunmore, Sieulle,
Beurré Diel, Fondante d'Automne, Urbaniste,
Bezi de la Motte, Louise Bonne of Jersey, Van Mons Leon le Clerc.
Dix,

Ariel Low—(3*d premium*).
Beurré Diel, Doyenné, White, Glout Morceau,
Beurré Superfin, Flemish Beauty, Louise Bonne of Jersey,
Bartlett, Fondante d'Automne, Napoleon.
Duchess d'Angoulême,

SAMUEL DOWNER—(*4th premium*).

| | | |
|---|---|---|
| Beurré d'Adjou, | Duchess d'Angoulême, | Louise Bonne of Jersey, |
| Beurré Diel, | Flemish Beauty, | Passe Colmar, |
| Bartlett, | Glout Morceau, | Urbaniste. |
| Bonne d'Ézée, | | |

Varieties common to all four of these collections:—

Beurré Diel, Louise Bonne of Jersey. 2

Varieties common to *three* collections—in the 1st, 3d and 4th (Austin, Low and Downer):—

Bartlett, Duchess d'Angoulême, Glout Morceau, 3

Varieties common to *two* collections—in the 1st and 2d (Austin and Bacon):—

Andrews, Bezi de la Motte, 2

In the 1st and 4th (Austin and Downer):—

Passe Colmar. 1

In the 2d and 3d (Bacon and Low):—

Fondante d'Automne, 1

In the 2d and 4th (Bacon and Downer):—

Urbaniste. 1

In the 3d and 4th (Low and Downer):—

Flemish Beauty. 1

Varieties in Mr. Austin's collection, and not in either of the others:—

Easter Beurré, Winter Nelis. 2

In Mr. Bacon's, and not in either of the others:—

Dix, Sieulle,
Dunmore, Van Mons Leon le Clerc, 4

In Mr. Low's, and not in either of the others:—

Beurré Superfin, Doyenné, White, Napoleon. 3

In Mr. Downer's, and not in either of the others:—

Bonne d'Ézée, Beurré d'Anjou. 2

It may be remarked, that two varieties, viz., Beurré Diel and Louise Bonne of Jersey, are found in *all* the above mentioned ten collections.

The prizes for the best single dishes were awarded as follows:—

1st, for Flemish Beauty, to Jacob Eaton.
2d, for Fondante d'Automne, to Ariel Low.
3d, for Andrews, to William Bacon.
4th, for Beurré d'Anjou, to James A. Stetson.

## PREMIUMS AND GRATUITIES AWARDED DURING THE SEASON.

| | |
|---|---|
| For the best and most interesting exhibition of Fruits during the season, the Lowell plate, to J. F. Allen, | $15 00 |
| For the next best, to Henry Vandine, | 10 00 |
| For the next best, to C. S. Holbrook, | 7 00 |
| APPLES.—For the best twelve Summer apples, to G. B. Cutter, for Williams, | 6 00 |
| For the next best, to J. W. Foster, for E. Harvest, | 4 00 |
| For the best twelve Autumn apples, to S. W. Fowle, for Alexander, | 6 00 |
| For the next best, to John Washburn, for Fall Harvey, | 4 00 |
| Winter apples—not awarded. | |
| APRICOTS.—Not awarded. | |
| BLACKBERRIES.—For the best specimens, to J. Nugent, for Dorchester, | 5 00 |
| For the next best, to G. Merriam, for Dorchester, | 4 00 |
| For the next best, to J. B. Moore, for Dorchester, | 3 00 |
| For the next best, to J. W. Foster, for Dorchester, | 2 00 |
| CHERRIES.—For the best specimens, to J. W. Foster, for Black Eagle, | 4 00 |
| For the next best, to W. R. Austin, for Black Tartarian, | 3 00 |
| For the next best, to C. E. Grant, for Napoleon Bigarreau, | 2 00 |
| CURRANTS.—For the best specimens, to J. W. Foster, for Red Dutch, | 3 00 |
| For the next best, to George Wilson, for Victoria, | 2 00 |
| FIGS.—For the best twelve specimens, to Josiah M. Newhall, | 3 00 |
| For the next best, to C. F. Jones. | 2 00 |
| GOOSEBERRIES.—For the best specimens, to A. D. Webber, | 3 00 |
| For the next best, to J. W. Foster, | 2 00 |
| GRAPES.—For the best specimens grown under glass before the first Saturday in July, to Mrs. F. B. Durfee, | 8 00 |
| For the next best, to Nahum Stetson, | 6 00 |
| For the next best, to J. Fisk Allen, | 4 00 |
| For the best specimens grown under glass subsequently to the first Saturday in July, to William P. Perkins, | 8 00 |
| For the next best, to Lyman Kinsley, | 6 00 |
| For the next best, to C. S. Holbrook, | 4 00 |
| For the best specimens of Native grapes, to G. B. Cutter, | 6 00 |
| For the next best, to C. E. Grant, | 5 00 |
| For the next best, to K. Bailey, | 4 00 |
| For the next best, to R. M. Copeland, | 3 00 |
| MELONS.—For the best Musk melon, open culture, to E. M. Richards, for Christiana, | 2 00 |

NECTARINES.—For the best twelve specimens, to H. H. Hunnewell, . . . . . $3 00
For the next best, to S. G. Perkins, . . . . 2 00
For the next best, to J. Fisk Allen, . . . . 2 00
PEACHES.—For the best twelve specimens, grown under glass, to C. S. Holbrook, . . . . . 5 00
For the next best, to J. Fisk Allen, . . . . 3 00
For the best twelve specimens, grown in open culture, to F. Dana, for Late Crawford, . . . . . 5 00
For the next best, to W. H. Ryder, for Early Crawford, . 4 00
For the next best, to C. E. Grant, for Coolidge, . . 3 00
For the next best, to J. A. Stetson, for Late Crawford, . 2 00
PEARS.—For the best twelve Summer pears, to Hovey & Co. for Boston, . . . . . 5 00
For the next best, to Henry Vandine, for Muskingum, . 3 00
For the next best, to A. D. Webber, for Rostiezer, . . 2 00
For the best twelve Autumn pears, to Jacob Eaton, for Louise Bonne of Jersey, . . . . . 5 00
For the next best, to J. F. Allen, for Beurré Bosc, . . 3 00
For the next best, to T. Clapp, for Seckel, . . . 2 00
For the best twelve Winter pears, to George Davenport, for Glout Morceau, . . . . . 6 00
For the next best, to Wm. H. Ryder, for same, . . 5 00
For the next best, to John Gordon, for Beurré Langelier, . 4 00
For the next best, to Wm. Bacon, for Beurré Diel, . . 3 00
PLUMS.—For the best specimens, to Henry Vandine, . . 4 00
For the next best, to Thomas Hastings, . . . 3 00
For the next best, to Hovey & Co. for Thomas, . . 2 00
QUINCES.—For the best twelve specimens, to E. S. Rand, . 3 00
For the next best, to J. A. Stetson, . . . . 2 00
RASPBERRIES.—For the best specimens, to J. W. Foster, for Knevit's, . . . . . 4 00
For the next best, to W. R. Austin, for same, . . 3 00
For the next best, to L. Jennings, Jr. for same, . . 2 00
STRAWBERRIES.—For the best specimens, to Hovey & Co. for Sir Charles Napier, . . . . . 5 00
For the next best, to M. H. Simpson, for Hovey, . . 4 00
For the next best, to George Leland, for Jenny Lind, . 3 00

GRATUITIES FOR EXHIBITIONS DURING THE SEASON.

To Charles Heard, Brighton, for cherries, Hovey's Magazine one year.
To J. H. Chadwick, for pears, Hovey's Magazine one year.
To Oliver Bennet, for peaches, Hovey's Magazine one year.
To C. F. Jones, for nectarines, Horticulturist one year.
To S. J. Ruggles, for strawberries, Hovey's Magazine one year.
To G. R. Sampson, for peaches, Hovey's Magazine one year.
To Ignatius Sargent, for grapes, Appleton bronze medal.

To A. E. Story, Jr., for mulberries, Horticulturist one year.
To F. & M. Burr, for apples, Hovey's Magazine one year.
To W. W. Wheildon, for the same, Hovey's Magazine one year.
To N. Stetson, for Shanghai peaches, Society's silver medal.
To B. Luscomb, for B. Clairgeau pears, Hovey's Magazine one year.
To B. Corey, for Merriam pears, Hovey's Magazine one year.
To E. A. Brackett, for Union grape, Horticulturist one year.
To William Page, for pears, Hovey's Magazine one year.
To J. Haley, for the same, Hovey's Magazine one year.
To B. C. White, for grapes, Horticulturist one year.
To J. Plympton, for pears, Horticulturist one year.
To P. T. Homer, Hovey's Magazine one year.
To J. B. Loomis, for plums, Hovey's Magazine one year.
To Bowen Harrington, for apples, Horticulturist one year.
To Eben. Wight, for Delaware grapes, Hovey's Magazine one year.
To Wm. Brooksbanks, for Rebecca grape, silver medal.
To Thomas Waterman, for grapes, Horticulturist one year.
To J. Cass, for grapes, Hovey's Magazine one year.
To J. B. Moore, for currants and blackberries, Horticulturist one year.
To Eben. Wight, for Bloodgood and Julienne pears, Horticulturist one year.
To B. Gifford, for pears and plums, Hovey's Magazine one year.
To Nathan Durfee, for peaches, Hovey's Magazine one year.
To E. A. Story, for apples, Hovey's Magazine one year.
To Francis Marsh, for the same, Hovey's Magazine one year.

## PREMIUMS AND GRATUITIES AWARDED AT THE ANNUAL EXHIBITION.

APPLES.—For the best thirty varieties, of twelve specimens each, the Lyman plate, to Thaddeus Clapp, . . . $20 00

For the next best, not awarded.

For the next best, not awarded.

For the best twenty varieties, of twelve specimens each, to James Eustis, . . . . . 15 00

For the next best, not awarded.

For the next best, not awarded.

For the best ten varieties, of twelve specimens each, the Society's plate, to J. A. Stetson, . . . . . 10 00

For the next best, to J. B. Moore, . . . . 8 00

For the next best, to John Gordon, . . . . 6 00

For the next best, to Evers & Co. . . . . 4 00

For the best five varieties, of twelve specimens each, to Bowen Harrington, . . . . . 8 00

For the next best, not awarded.

For the next best, not awarded.

For the best dish of apples, twelve specimens of one variety, to N. H. White, for Hubbardston, . . . . 5 00

For the next best, to S. W. Fowle, for Alexander, . . 4 00

For the next best, to J. A. Stetson, for Fallowater, . . 3 00

For the next best, to Evers & Co., for Hubbardston, . . 2 00

GRATUITIES.

To Lake & Co., for collection, . . . . . 10 00

To A. D. Williams, for the same, . . . . 6 00

To J. Stone & Co., for the same, . . . . 6 00

To W. W. Wheildon, for the same, . . . . 6 00

To Joseph W. Cooledge, for the same, . . . . 5 00

To J. Gilbert, Jr., for the same, . . . . . 3 00

To William Bacon, dish of apples, Working Farmer one year.

To M. H. Simpson, for the same, Working Farmer one year.

To Charles Copeland, for collection, Agriculturist one year.

To H. Harrington, dish of apples, Working Farmer one year.

To George Newhall, for the same, Hovey's Magazine one year.

To Spooner & Curtis, for the same, Working Farmer one year.

To James Munroe, for the same, Hovey's Magazine one year.

To J. A. Kenrick, for the same, Horticulturist one year.

To Mrs. J. Lovett, for collection, Hovey's Mag. and Horticulturist one year.

To J. W. Foster, Horticulturist one year.

To Nathan White, Horticulturist one year.

To B. Harrington, Working Farmer one year.

To Hovey & Co., for dish of apples, in publication, $1.

To John Gordon, for the same, Working Farmer one year.

To J. B. Moore, for the same, Working Farmer one year.

To Thaddeus Clapp, for the same, Working Farmer one year.
To Evers & Co., for the same, Working Farmer one year.
To Eliphalet Stone, for the same, Working Farmer one year.

PEARS.—For the best thirty varieties, of twelve specimens each, the Lyman plate, to M. P. Wilder, . . . $20 00
For the next best, to John Gordon, . . . . 15 00
For the next best, to Hovey & Co., . . . . 12 00
For the best twenty varieties, of twelve specimens each, to R. W. Ames, . . . . . 15 00
For the next best, to Josiah Stickney, . . . 12 00
For the next best, to A. D. Williams, . . . 8 00
For the best ten varieties, of twelve specimens each, the Society's plate, to W. R. Austin, . . . . 10 00
For the next best, to Wm. Bacon, . . . . 8 00
For the next best, to Ariel Low, . . . . 6 00
For the next best, to Samuel Downer, . . . 4 00
For the best dish of pears, twelve specimens of one variety, to Jacob Eaton, for Flemish Beauty, . . . . 5 00
For the next best, to Ariel Low, for Fondante d'Automne, . 4 00
For the next best, to Wm. Bacon, for Andrews, . . 3 00
For the next best, to J. A. Stetson, for B. d'Anjou, . . 2 00

GRATUITIES.

To J. S. Cabot, for collections, . . . . . 10 00
To Samuel Walker, for the same, . . . . . 10 00
To Robert Manning, for the same, . . . . 10 00
To Henry Vandine, for the same, . . . . . 8 00
To J. A. Stetson, for the same, . . . . . 5 00
To Augustus Parker, for the same, . . . . 4 00
To George Southwick, for the same, . . . . 4 00
To William A. Crafts, for the same, . . . . 4 00
To F. Dana, for the same, . . . . . 4 00
To A. J. Dean, for single dish, Hovey's Magazine one year.
To J. Saville, for the same, Horticulturist one year.
To S. Penniman, for the same, Hovey's Magazine one year.
To James Munroe, for the same, Horticulturist one year.
To George Newhall, Horticulturist and Rural New Yorker one year.
To Nathaniel White, Horticulturist and Rural New Yorker one year.
To James Kelly, Horticulturist and Rural New Yorker one year.
To Evers & Co., Horticulturist and Rural New Yorker one year.
To James Murray, Hovey's Magazine one year.
To P. R. L. Stone, Horticulturist one year.
To J. A. Kenrick, Horticulturist one year.
To W. C. Allen, Hovey's Magazine one year.
To Mrs. J. Lovett, Horticulturist one year.
To H. B. Ward, Hovey's Magazine one pear.
To C. D. Swain, Hovey's Magazine one year.

To Samuel Sweetser, Hovey's Magazine one year.
To Henry Bradlee, Working Farmer and Rural New Yorker one year.
To A. Bowditch, Working Farmer and Rural New Yorker one year.
To Spooner & Curtis, Working Farmer and Rural New Yorker one year.
To Galvin & Hogan, Working Farmer and Rural New Yorker one year.
To Wm. H. Palmer, Working Farmer and Rural New Yorker one year.
To H. Brooks, Working Farmer and Rural New Yorker one year.
To Jacob Eaton, Working Farmer and Rural New Yorker one year.
To Henry Davis, Working Farmer and Rural New Yorker one year.
To Mrs. J. Mason, Horticulturist one year.
To Mrs. C. Valentine, Horticulturist one year.
To H. K. Moore, Hovey's Magazine one year.
To Saml. Lane, Hovey's Magazine one year.
To G. Southwick, Hovey's Magazine one year.
To John Mason, Hovey's Magazine one year.
To F. Dana, Horticulturist one year.
To J. W. Foster, Hovey's Magazine one year.

PLUMS.— For the largest and best collection, to Henry Vandine, $5 00
For the next best, not awarded.
For the next best, not awarded.
For the next best, not awarded.
GRATUITIES.—To Thomas Hastings, Hovey's Magazine one year.
To M. H. Simpson, bronze medal.
To A. D. Withington, bronze medal.
ASSORTED FRUIT.—For the best basket of Fruit, of various kinds, to C. E. Grant, . . . . . 10 00
For the next best, to James Murry, . . . . 8 00
For the next best, to M. P. Wilder, . . . . 6 00
For the next best, to Spooner & Curtis, . . . 5 00
For the next best, to Jonathan French, . . . 4 00
For the next best, to Wm. A. Crafts, . . . . 3 00
GRATUITIES.—To Stone & Son, Hovey's Magazine one year.
To Galvin & Hogan, Horticulturist one year.
To Bowen Harrington, Agriculturist one year.
GRAPES.—For the best five varieties, to Mrs. F. B. Durfee, . 10 00
For the next best, to C. S. Holbrook, . . . 8 00
For the next best, to Charles Minot, . . . . 6 00
For the next best, to Saml. Austin, . . . . 4 00
For the best two varieties, to C. E. Grant, . . . 5 00
For the next best, to C. T. Jones, . . . . 4 00
For the next best, not awarded.
For the next best, not awarded.
For the largest and best collection, to H. S. Mansfield, . . 10 00
For the next best, to E. S. Rand, . . . . 8 00
For the next best, to Breck & Son, . . . . 4 00
For the next best, to M. H. Simpson, . . . . 3 00

GRAPES, NATIVE.—For the best specimens, to E. W. Bull, . $5 00
For the next best, to G. B. Cutter, . . . . 4 00
For the next best, to Newell Harding, . . . 3 00
For the next best, to Thomas Waterman, . . . 2 00
GRATUITIES.—To C. W. Grant, for Union, the Society's silver medal.
To Wm. Brooksbank, for Rebecca, " " " "
To Geo. W. Campbell, for Delaware, " " " "
To Geo. W. Campbell, for Logan, " " " "
PEACHES.—For the largest and best collection, to Hovey & Co., . 5 00
For the next best, to Thaddeus Clapp, . . . 4 00
For the next best, to Stone & Son, . . . . 3 00
For the next best, to Francis Dana, . . . . 2 00
For the best single dish, to Nahum Stetson, . . . 3 00
For the next best, to W. H. Ryder, . . . . 2 00
GRATUITIES.—To Mrs. S. K. Bailey, bronze medal.
To Nahum Stetson, " "
To Ariel Low, " "
To E. S. Rand, " "
To Wm. Bacon, " "
To Charles B. Swain, " "
To John Gardner, " "
To Breck & Son, in publications, $2.
To Wm. Brigham, Working Farmer one year.
To Wm. A. Crafts, Working Farmer one year.

# REPORT OF THE COMMITTEE ON VEGETABLES

## For the Year 1857.

BY DANIEL T. CURTIS, CHAIRMAN.

Your Committee, in presenting their annual report, cannot but express their gratification at the continued interest manifested by the members of the Society in this department. Many gardens have been visited by them, in which every desirable variety of esculent vegetables was represented, in all the stages of luxuriant growth. Specimens of these have not always been found on the tables at the public exhibitions, owing principally to the great difficulty and expense of transportation. The contemplated change from weekly to monthly exhibitions will doubtless add additional stimulus to cultivators, and afford more time for the preparation and arrangement of their interesting and instructive collections. The generous competition fostered by such exhibitions will continue to add largely to the vegetable wealth of the community.

The interest manifested in the cultivation of the Chinese yam and Chinese sugar cane has extended over almost every portion of the United States. The former has proved productive in light warm soils, yielding tubers weighing from two to three pounds each, and from eighteen to twenty-four inches in length. We have seen fine tubers grown at Nantucket; and the splendid specimens exhibited in November last, by A. Andros, of Taunton, are fresh in the recollection of all. The mere profit of its cultivation is yet an open question, which cannot be decided until a more extended trial has furnished the data necessary for its solution.

Numerous reports from all sections of the country show that the varieties of the Chinese sugar cane, *Sorghum saccharatum*, are well adapted for our soils. Of its utility, as furnishing the source for the public and private manufacture of syrups, there can be no doubt; the researches of chemists and microscopists prove that a kind of sugar closely allied to, if not identical with, *cane sugar*, may be obtained from it with ease in our southern States. The recent travels of Dr. Barth in Central Africa raise the question whether it may not be worth cultivating as a *grain*, independent of its saccharine qualities; the Sorghum saccharatum, the Negro millet, and a kind of maize, form nearly the whole food of many tribes, and are held in equal estimation by them. In districts where it arrives at maturity, it will doubtless add an important product for the food both of man and animals.

There were some squashes exhibited of such promising excellence that the Committee wish to say a few words concerning them. The Hubbard squash, exhibited by James J.H. Gregory of Marblehead, as a new variety, did not attract much attention, although the good qualities claimed for it led to an early trial of its merits. The size and form is about that of the original Marrow squash; its color is a dark dull green; its shell is very

hard, similar to the sweet pumpkin introduced from the West Indies, and extensively cultivated on Cape Cod and Nantucket; the flesh is of a deep orange color, fine grained, and of a very sweet and fine flavor; it keeps well for a long time. We have tested it on our table since the exhibition, and can cordially recommend it as a most excellent variety, and worthy of extensive cultivation.* The Sweet Potato squash, exhibited for several seasons by Francis Marsh of Dedham, is a fine table variety, keeping well till midsummer. This has a hard shell, of a light green color, somewhat ribbed; the form is oblong; the flesh clear yellow, very sweet, and well adapted for all culinary purposes. We think it merits a more extensive cultivation. The Cocoa squash, exhibited by Edward M. Richards, of Dedham, though new to the Committee, is believed to be of fine quality. It is considerably larger than the above varieties, oblong in form, and of a dark green color. We would recommend it for future trial.

In conclusion, we wish to insist on the importance of preserving the authentic names of every variety of seed sown in the kitchen garden. From the neglect of this precaution many errors have crept into the stores of the seedsman, and many mortifying failures have annoyed the cultivators. This may seem a matter of small importance to many, but we think it quite as important as the preservation of the names and grades of animals. In fruits, flowers, or vegetables, it is essential to their extensive cultivation that the names should invariably answer to their alleged excellent qualities; else the result will be confusion, dissatisfaction, and distrust of our best varieties.

PREMIUMS AND GRATUITIES AWARDED.

| | |
|---|---|
| Asparagus.—For the earliest and best, to C. S. Holbrook, | $3 00 |
| For the best open culture, to J. B. Moore, | 3 00 |
| Beets.—For the best, (pure blood beet,) to F. Marsh, for Wyth's Deep Blood, | 4 00 |
| For the best Summer, to T. Smallwood, for Turnip Blood, | 4 00 |
| Beans.—For the best and earliest peck of string beans, to J. Gordon, | 3 00 |
| For the best and earliest Lima beans, to F. Marsh, | 3 00 |
| For the second best, to Geo. Leland, | 2 00 |
| For the best and earliest variety of shell beans, to J. Nugent, | 3 00 |
| Cabbages.—For the earliest and best, to Josiah Crosby, | 3 00 |
| For the best Savoy cabbage, to Josiah Stickney, | 3 00 |
| Carrots.—For the best, to J. B. Moore, for Early Scarlet, | 3 00 |
| Celery.—For the largest and best blanched, to Bowen Harrington, for Cole's Dwarf, | 3 00 |
| For the second best, to Josiah Crosby, | 2 00 |
| Corn.—For the earliest and best sweet corn, to J. B. Moore, for Darling's Early, | 3 00 |
| For the second best, to A. D. Webber, for Darling's Early, | 2 00 |

* Since closing this report we have received a letter, more in detail, from Mr. Gregory, and append it to this report.

CUCUMBERS.—For the best pair under glass, to C. S. Holbrook, . $5 00
For the second best, to Jonathan French, . . . 3 00
For the best and earliest of open culture, to Bowen Harrington, 3 00
LETTUCE.—For the best six heads, to J. Stone & Son, . . 3 00
For the second best, to Bowen Harrington, . . . 2 00
ONIONS.—For the earliest and best three bunches, to J. Crosby, . 2 00
POTATOES.—For the best and earliest peck, to T. Smallwood, . 3 00
For the second best, to J. Gammell, . . . . 2 00
PEAS.—For the best and earliest peck, to J. W. Foster, for Dan O'Rourke, . . . . . 3 00
For the second best, to James Nugent, . . . 2 00
For the best peck of late, to Bowen Harrington, for Champion of England, . . . . . 3 00
For the second best, to J. B. Moore, for same, . . 2 00
RHUBARB.—For the largest and best, to G. Merriam, . . 3 00
For the second best, to J. B. Moore, . . . . 2 00
SQUASHES.—For the earliest and best, to A. D. Webber, . . 3 00
For the second best, to Bowen Harrington, . . . 2 00
For the best Marrow during the season, to Josiah Stickney, . 3 00
TOMATOES.—For the best and earliest, to F. Winship, . . 3 00

GRATUITIES.

Francis Marsh, for display during the season, . . . 6 00
Bowen Harrington, " " " " . . . 6 00
Josiah Crosby, " " " " . . . 2 00
J. B. Moore, " " " " . . . 2 00
J. W. Foster, for forced Long Scarlet radishes, . . . 2 00
J. Kelly, " " mushrooms, . . . . 2 00
S. Jordan, " " " . . . . 1 00
Josiah Crosby, " " lettuce, . . . . . 2 00
Thomas Page, " " rhubarb, . . . . 1 00
F. Skinner, for Victoria " . . . . . 2 00
C. F. Jones, for cucumbers and tomatoes, . . . . 2 00
Oliver Bennett, for frame cucumbers, . . . . 2 00
A. D. Webber, for early peas, . . . . . 2 00
J. F. C. Hyde, " " " . . . . . 1 00
Franklin Haven, for frame cucumbers, . . . . 2 00
Jonas Gammell, for fine turnips and beets, . . . 2 00
John Foster, for mammoth squashes, . . . . 2 00
E. W. Gardner, Nantucket, for Green Globe turnips, . . 2 00
A. Andros, for fine roots, (*Dioscorea batatas*, or Chinese yam,) . 2 00
T. H. A. Tappan, for mammoth squash, 140 lbs., raised in Iowa, . 2 00
J. Nugent, for Laing's Improved Swedish turnip, . . 1 00
E. S. Rand, for Brussell sprouts, . . . . . 1 00
F. Winship, for early celery, . . . . . 1 00
J. Otis Williams, for Fearbeard's English bean, . . . 1 00
B. F. S. Griffin, for potatoes, . . . . . 1 00
Newell Harding, for field corn, . . . . . 1 00

## THE HUBBARD SQUASH.

MARBLEHEAD, MASS., Dec. 23d, 1857.

DANIEL T. CURTIS, *Chairman of Vegetable Com. of Mass. Hort. Soc.*

Dear Sir,—Of the origin of the Hubbard squash we have no certain knowledge. The facts relative to its cultivation, in Marblehead, are simply these. Upwards of twenty years ago, a single specimen was brought into town, the seed from which was planted in the garden of a lady, now deceased; a specimen from this yield was given to Capt. Knott Martin, of this town, who raised it for family use a few years, when it was brought to our notice in the year 1842 or '43. We were first informed of its good qualities by Mrs. Elizabeth Hubbard, a very worthy lady, through whom we obtained seed from Capt. Martin. As the squash up to this time had no specific name to designate it from other varieties, my father termed it the "Hubbard Squash."

Up to the year 1855 the raising of this squash was confined to ourselves and a few neighbors, who raised little if any more than was sufficient to supply their respective families. I should, however, make the exception, that from the year 1847, I had occasionally, when travelling, taken a few seeds with me, and had distributed them among the farmers with whom I chanced to come in contact.

In the year 1855 a correspondent of the New England Farmer desired, through its columns, to have recommended to him a good winter squash. It occurred to me that here was an excellent opportunity to give a squash, which had given us such great satisfaction, a wider sphere of usefulness. I accordingly replied to the gentleman, enclosing seed of the Hubbard squash, and requested him, as a stranger to me and therefore presumptively an unbiassed judge of its merits, to make public the result of his experiment. In April of the following year he published the result of his planting in the columns of the New England Farmer, so highly eulogising its quality and keeping properties that it was at once brought into notice. Many applications now reached me for seed, and as it became necessary to give some name, I determined to make Hubbard, (which up to this date had been used as merely a convenient term,) its permanent name.

These are all the facts which are known relative to the history of the Hubbard squash, though it is possible that from a person not now accessible, I may be enabled to trace its history a step further.

In shape the Hubbard resembles the Marrow (or Boston squash, as it is called in some localities,) but it has rather more of a neck than the Marrow, and terminates more abruptly in a point, usually curved. In weight, it ranges from four to twenty-four pounds; but averages about the same as the Marrow, viz., from five to eight pounds. Its color is a dark green, with a dash of a dusty hue on the upper surface of the ripest specimens. There is also a hard shelled blue variety, which in quality, size, &c., is about on a par with the Hubbard, and we have considered it as equally desirable.

The Hubbard has generally, when fully ripe, a thick shell, somewhat thicker than a cent, though some specimens, which have otherwise all the characteristics, are destitute of a shell.

The Hubbard squash, with the same care as the Marrow, keeps about three months later, being in its prime from November until March or April, and keeping into May. During the period we have cultivated it, the Hubbard has fully maintained its character, and is equally as good in quality now as in the years 1842 or '43. So strong is its individuality, that when so mixed and crossed with other squashes, that not a trace of it can be seen in the form or color of the cross, yet its quality will be so impressed on them that these squashes will almost uniformly be as fine grained, sweet and dry as the pure Hubbard, though they will not keep and maintain their quality so late.

In all our experience we have never lost a crop or had it seriously affected from want of hardiness; though it is possible that the Hubbard is *slightly* more tender than the Marrow. To determine this will require a close comparison; but we have always considered it equally hardy as the Marrow.

Under high cultivation the Hubbard has yielded the past season, in one instance, 700 pounds of ripe squashes from 16 hills; and planted on a larger scale, nearly 5500 pounds of good market squashes on half an acre of land, equal to five and a half tons to the acre. Compared with the Marrow, the Hubbard will be found to be thicker meated, better flavored, (good specimens tasting much like a boiled chestnut,) finer grained, dryer and sweeter, besides being a better keeper; and from its thick shell less liable to be injured in handling. Yours,

James J. H. Gregory.

## ANNUAL EXHIBITION REPORT.

The Society's display of vegetables this year formed one of the most pleasing features of the exhibition. The variety was great, and the excellence in each department was certainly equal, and in the opinion of many superior to that of former years. It would be unjust and even impossible to particularize, where every exhibitor vied with his neighbor in loading the tables with the finest varieties and the largest specimens.

Perhaps, if a vegetable were mentioned as the most richly represented in fullness of growth, beauty of appearance, and varieties most worthy of extended cultivation, it would be the squash. But the whole collection was excellent, and indicated that plenty had crowned the labors of the husbandman in these departments, so necessary to the comfort and sustenance of man. The exhibition must have shown to the most indifferent observer, that the successful cultivator of a new vegetable, and the improver of an old branch of agricultural industry, deserve a high position in the Temple of Fame, and merit the thanks and support of an intelligent community. The published list of premiums and gratuities, indicate the successful producers.

PREMIUMS AND GRATUITIES AWARDED.

| | |
|---|---|
| Best Display.—To James F. C. Hyde, | $15 00 |
| For the second best, to J. Stone & Sons, | 10 00 |
| For the third best, to J. B. Moore, | 8 00 |
| For the fourth best, to G. R. Sampson, | 6 00 |
| For the fifth best, to J. P. & F. Rand, | 4 00 |
| Cauliflowers.—For the best three heads, to J. P. & F. Rand, | 4 00 |
| For the second best, to G. R. Sampson, | 3 00 |
| Cabbages.—For the best Drumhead, to S. A. Merrill, | 4 00 |
| For the second best, to Josiah Stickney, | 3 00 |
| For the third best, to J. Stone & Sons, | 1 00 |
| Musk Melons.—For the best, to John Gordon, for Greenflesh, | 3 00 |
| For the second best, to Francis Marsh, for the same, | 2 00 |
| For the third best, to Josiah Stickney, for the same, | 1 00 |
| Water Melons.—For the best, to Frank Winship, for Mountain Sweet, | 3 00 |
| For the second best, to John Gordon, for Black Spanish, | 2 00 |
| For the third best, to Josiah Stickney, | 1 00 |
| Mammoth Squashes.—For the largest and best, 117 lbs., to S. A. Merrill, the Society's silver medal. | |
| For the second best, 102 lbs., to E. T. Farrington, | 3 00 |
| Mammoth Pumpkin.—For the largest and best, to J. B. Moore, the Society's silver medal. | |
| For the second best, to J. Stone & Sons, | 3 00 |
| To A. Bowditch & Son, for extra sweet corn, "Burr's Improved," Society's silver medal. | |
| To A. D. Miller, for cultivated cranberries, Society's silver medal. | |

To J. F. C. Hyde, for extra syrup, made from Chinese sugar cane, Society's silver medal.

GRATUITIES.

| | |
|---|---|
| To A. D. Williams, for collection, | $4 00 |
| To G. G. Hubbard, for the same, | 4 00 |
| To Hovey & Co., for the same, | 3 00 |
| To Josiah Stickney, for the same, | 3 00 |
| To Bowen Harrington, for the same, | 3 00 |
| To Frank Winship, for the same, | 3 00 |
| To John Gordon, for the same, | 3 00 |
| To James Murray, for the same, in publications, | 4 00 |
| To Josiah Crosby, for collection, | 2 00 |
| To E. A. Story, for the same, | 2 00 |
| To J. Breck & Son, for millet, | 2 00 |
| To E. M. Richards, for squashes, | 2 00 |
| To J. Stone & Sons, for basket of vegetables, | 1 00 |
| To John DeWolf, for seedling potatoes, | 1 00 |
| To T. Smallwood, for collection, | 1 00 |
| To Nahum Stetson, for Irishman cucumbers, | 1 00 |
| To E. Sanborn, for vegetable eggs, | 1 00 |
| To William Bacon, for the same, | 1 00 |
| To Samuel Salisbury, for Kohl rabbi, | 1 00 |
| To Samuel Sweetser, for collection, | 1 00 |
| To Abner Peirce, for the same, | 1 00 |
| To Eben Simonds, for Worcester Potatoes, | 1 00 |
| To William Courtis, for Brussell's melon, new, | 1 00 |
| To John Mason, for collection of tomatoes, | 1 00 |
| To T. W. Walker, for large purple egg plants, | 1 00 |
| To Jacob C. Flint, for Chinese sugar cane, | 1 00 |
| To T. W. Walker, for the same, | 1 00 |
| To Nathaniel Cary, for the same, | 1 00 |

To William A. Crafts, for Mammoth squash, Hovey's Magazine one year.
To W. F. Ellenwood, for collection of squashes, the same.
To James J. H. Gregory, for Hubbard squashes, the same.
To Henry Harris, for collection of beets, the same.
To Davis & Bates, for squashes, the same.
To A. Bowditch & Son, for two pots Chinese sugar cane, the Horticulturist one year.
To Abner Peirce, for mammoth squashes, the Horticulturist.
To Francis Haughton, mammoth squashes, the same.
To A. W. Coppenhagen, for collection, the same.
To Francis Marsh, for collection, the same.
To J. McClure, for extra honey, the same.
To H. Howland, for mammoth squashes, the Country Gentleman one year.
To William P. Baker, for squashes, the same.
To A. Bowditch & Son, for collection of vegetables, the same.

## REPORT OF THE COMMITTEE OF ARRANGEMENTS

### For the 29th Annual Exhibition.

### BY F. LYMAN WINSHIP, CHAIRMAN.

The Annual Exhibition was held in the Boston Music Hall, September 22d, 23d, 24th and 25th, and although not as successful in a pecuniary point of view as might have been desired, yet the standard of excellence in the various productions was not inferior to the previous exhibitions.

A detailed account of the contributions having been included in the Reports of the several Committees, it seems unnecessary to recapitulate.

The account of Receipts and Disbursements is as follows:—

| | | |
|---|---|---|
| Total amount of Disbursements, . . . . | | $2,382 68 |
| Amount received from sale of tickets, . . | $1,372 50 | |
| Balance paid from the treasury, . . | 1,010 18 | |
| | | $2,382 68 |

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## REPORT OF THE COMMITTEE ON THE LIBRARY,

### For the Year 1857.

### BY C. M. HOVEY, CHAIRMAN.

The Committee on the Library beg leave to submit their Report:—

During the year past only a limited number of books have been added, the principal being continuations of former works. The publications of the year have neither been numerous nor of remarkable interest, and your Committee, though they would see additions made of several valuable books, have not thought it, in the present state of the Society's funds, expedient to purchase. At some future time, when better rooms may be possessed for the accommodation of a good Library, they would then hope to greatly increase and add to the Society's excellent collection.

With these remarks, and the wishes of the Committee that the usual sum of $150 be appropriated for the coming year, their report is respectfully submitted.

## REPORT OF THE COMMITTEE ON FINANCE.

HORTICULTURAL HALL,
Boston, Dec. 26th, 1857.

The undersigned, members of the Finance Committee of the Massachusetts Horticultural Society, have audited the Treasurer's accounts for the year 1857, agreeably to the 17th section of the By-Laws, and respectfully submit the following statement as their report:—

### RECEIPTS FOR THE YEAR 1857.

| | | |
|---|---|---|
| Balance in the Treasury Dec. 31, 1856, | | $168 94 |
| Dividends from 53 shares Boston and Worcester Railroad stock—4 and 3 per cent., | | 371 00 |
| Dividend from Massachusetts Hospital Life Insurance Company—5½ per cent. on $4,000, | | 220 00 |
| Rents collected—Store, | 1,200 00 | |
| New purchase, | 935 31 | |
| | | 2,135 31 |
| Rent from Hall, | | 385 00 |
| Assessments collected, | | 600 00 |
| Coupons from Connecticut and Pasumpsic River Railroad Bonds—$4,500, at 6 per cent., | | 270 00 |
| Receipts from Mount Auburn Cemetery, | | 4,585 67 |
| Interest from 20 shares Portsmouth and Saco Railroad, at 6 per cent., | | 120 00 |
| Total receipts from Annual Exhibition, | | 1,372 50 |
| Miscellaneous receipts, | | 15 25 |
| Half amount of tax bill, returned by Mr. Bowditch, | | 180 00 |
| | | 10,423 67 |
| Cash borrowed and received on memorandum check from S. Willard & Son, | | 400 00 |
| Cash received from Treasurer's note for $1,000, at 4 months, discounted at Tremont Bank, | | 979 50 |
| | | $11,803 17 |

### PAYMENTS FOR THE YEAR 1857.

| | |
|---|---|
| Taxes on real estate, | $586 10 |
| Interest on mortgage to J. Bradlee, | 207 83 |
| Premiums and gratuities, | 2,343 00 |
| Salaries, | 500 00 |
| Insurance, | 140 50 |
| Printing, binding, publishing, &c. (ex. annual exhibition), | 328 99 |
| Repairing, painting, and whitening Hall, | 273 75 |
| Mechanics and miscellaneous bills, | 953 37 |
| Expenses annual exhibition, | 2,382 68 |
| | 7,716 22 |

| | |
|---|---|
| Paid off on mortgage to Josiah Bradlee, . . . | $2,000 00 |
| Paid S. Willard & Son money borrowed on memorandum check, | 400 33 |

*Permanent Fund.*

| | |
|---|---|
| Paid for 6 shares Boston & Maine Railroad, to complete anew the Lyman Fund, (to replace one Bond of the Connecticut and Pasumpsic River Railroad, for $500 paid,) | 499 50 |
| Paid for 10 shares Boston and Maine Railroad investment, . | 790 00 |
| | 11,406 05 |
| Cash in the Treasury, Dec. 31, 1857, . . | 397 12 |
| | $11,803 17 |

The Society's property is as follows:—

| | |
|---|---|
| Original and new purchase, . . . . . | 48,000 00 |
| Lyman Fund, . . . . . | 10,000 00 |
| Invested as follows:— | |
| 53 shares Boston and Worcester Railroad; | |
| 6 shares Boston and Maine Railroad; | |
| 4,500 in Bonds Connecticut and Pasumpsic River Railroad. | |
| Appleton Fund, Lowell " Bradlee " Lyman " $4,000 invested in Massachusetts Hospital Life Insurance Company, . . | 4,000 00 |
| Furniture and library, . . . . . | 4,000 00 |
| 20 shares Portsmouth and Saco Railroad, . . . | 2,000 00 |
| 10 shares Boston and Maine Railroad, . . . | 790 00 |
| | $68,790 00 |

The indebtedness of the Society is as follows:—

| | | |
|---|---|---|
| Balance due on mortgage to J. Bradlee, . | 3,000 00 | |
| Treasurer's note, due April 21, 1858, to Tremont Bank, . . . . | 1,000 00 | |
| | | 4,000 00 |
| Leaving a balance of . . . | | $64,790 00 |

All of which is respectfully submitted by

JOSIAH STICKNEY,
SAMUEL WALKER, } *Finance Committee.*

# SCHEDULE OF PRIZES

## FOR 1858.

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Boston, January 2, 1858.

The Committee for establishing Prizes respectfully submit and recommend the following Schedule of Prizes for the year 1858.

For the Committee,

EBEN. WIGHT,

Chairman of Committee for Establishing Premiums.

*Approved by the Executive Committee.*

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### AMOUNT OF PRIZES.

| | |
|---|---|
| For Gardens, Greenhouses, &c. | $250 00 |
| For Fruits, | 750 00 |
| For Plants and Flowers, | 750 00 |
| For Vegetables, | 300 00 |
| | $2050 00 |

## PRIZES FOR GARDENS, GREENHOUSES, &c.

AMOUNT APPROPRIATED, TWO HUNDRED AND FIFTY DOLLARS.

| | |
|---|---|
| For the most economically managed, best cultivated, and most neatly kept Garden or Grounds, through the season, | $25 00 |
| For the next best, | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Fruit Garden, through the season, | 25 00 |
| For the next best, | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Flower Garden, through the season, | 20 00 |
| For the next best, | 10 00 |
| For the most economically managed, best cultivated, and most neatly kept Vegetable Garden, through the season, | 20 00 |
| For the next best, | 10 00 |
| For the best managed, most economically conducted, and well kept Greenhouse, through the season, | 25 00 |
| For the next best, | 15 00 |
| For the best managed, most economically conducted, and well kept Grapery, through the season, with or without fire heat, | 20 00 |
| For the next best, | 10 00 |
| For the best managed Cemetery, as to its keeping in accordance with the true principles of beauty and art, | 20 00 |
| For the next best, | 10 00 |
| In Gratuities, | 20 00 |
| | $250 00 |

RULES AND REGULATIONS.

1st. All applications for a visit must be made to the Chairman of the Committee, in writing, on or before the 1st of August.

2d. No Fruit Garden or Grounds of less than one acre (and this well stocked and under fine cultivation,) can occupy the time of the Committee.

3d. It shall be the duty of the Committee to select from the applications those which may seem most deserving of notice, and to visit as many places, and as often, as they may deem expedient and necessary.

4th. In making all examinations, the utmost regard must be paid to economy and general thrift; in cases, however, of pleasure, landscape, or ornamental grounds, more allowance must be made for taste and design, and a gratuity or complimentary notice may be made at the discretion of the Committee.

5th. No person shall be a competitor for the highest prize for more than two years out of seven.

6th. The Committee may, at their discretion, give gratuities, or substitute gratuities for prizes, in either case which may best promote the objects of the Society, and meet special cases; always, of course, within the limits of the appropriation.

7th. Competitors for the prizes shall furnish to the Committee, if required, a written statement of their mode of cultivation, quantity and kind of manure applied, amount of labor, and any other particulars, under the penalty of a forfeiture of such prize if withheld.

8th. The expenses of the Committee shall be paid by the Society, and a record shall be kept by the Chairman of all places visited.

## PRIZES FOR FRUITS DURING THE SEASON.

AMOUNT APPROPRIATED, SEVEN HUNDRED AND FIFTY DOLLARS.

☞ The Prizes and Gratuities will be awarded on the following days:—

For Cherries, Strawberries, forced Grapes, and forced Peaches, on the first Saturday in August.

For Summer Apples, Apricots, Blackberries, Currants, Gooseberries, Summer Pears, and Raspberries, on the first Saturday in September.

For Foreign and Native Grapes, Nectarines, Peaches, Plums, and Musk Melons, on the first Saturday in November.

For Autumn Apples, Figs, Autumn Pears, Quinces, Winter Apples, Winter Pears, New Pears, and for the "Exhibition during the season," on the first Saturday in December.

☞ Competitors for Prizes are particularly referred to the Rules and Regulations, which will be strictly adhered to by the Committee.

| | |
|---|---|
| For the best and most interesting exhibition of Fruits during the season, the Lowell plate, valued at . . . | $15 00 |
| For the next best, . . . . . | 10 00 |
| For the next best, . . . . . | 7 00 |
| APPLES.—For the best twelve Summer Apples, on or before the third Saturday in August, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For the best twelve Autumn Apples, on or before the first Saturday in December, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For the best twelve Winter Apples, on or before the first Saturday in December, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| APRICOTS.—For the best twelve, on or before the third Saturday in August, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| BLACKBERRIES.—For the best specimens, not less than two boxes, | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| CHERRIES.—For the best specimens, not less than two boxes, . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| Amount carried forward, . . . . | $90 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $90 00 |
| CURRANTS.—For the best specimens, not less than two boxes, . | 3 00 |
| For the next best, . . . . . | 2 00 |
| FIGS.—For the best twelve specimens, . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| GOOSEBERRIES.—For the best specimens, not less than two boxes, | 3 00 |
| For the next best, . . . . . | 2 00 |
| GRAPES.—For the best specimens grown under glass, on or before the third Saturday in July, . . . . . | 8 00 |
| For the next best, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For the best specimens grown under glass subsequently to the third Saturday in July, . . . . . | 8 00 |
| For the next best, . . . . . | 6 00 |
| For the bext best, . . . . . | 4 00 |
| For the best specimens of Native Grapes, . . . | 6 00 |
| For the next best, . . . . . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| MELONS.—For the best Musk Melon grown under glass, on or before the third Saturday in July, . . . . | 3 00 |
| For the best Musk Melon, open culture, on or before the third Saturday in September, . . . . . | 2 00 |
| For the best Water Melon on or before the third Saturday in September, . . . . . | 2 00 |
| NECTARINES.—For the best twelve specimens, . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| PEACHES.—For the best twelve specimens, grown under glass, on or before the third Saturday in July, . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the best twelve specimens grown in open culture, . . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| PEARS.—For the best collection, not exhibited before this year, with a written description of the same, the Society's plate, | 10 00 |
| For the next best, . . . . . | 6 00 |
| For the best twelve Summer Pears, on or before the third Saturday in August, . . . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| For the best twelve Autumn Pears, on or before the third Saturday in November, . . . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| Amount carried forward, . . . | $231 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $231 00 |
| For the best twelve Winter Pears, on or before the first Saturday in December, . . . . . | 6 00 |
| For the next best, . . . . . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| PLUMS.—For the best specimens, not less than two boxes, . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| QUINCES.—For the best twelve specimens, . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| RASPBERRIES.—For the best specimens, not less than two boxes, | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| STRAWBERRIES.—For the best specimens, not less than two boxes, | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| | 286 00 |

## PRIZES FOR FRUITS.

### To be awarded during the Annual Exhibition.

| | |
|---|---|
| APPLES.—For the best ten varieties, of twelve specimens each, the Lyman plate, valued at . . . . | $20 00 |
| For the next best, . . . . . | 15 00 |
| For the next best, . . . . . | 12 00 |
| For the best eight varieties, of twelve specimens each, . | 15 00 |
| For the next best, . . . . . | 12 00 |
| For the next best, . . . . . | 8 00 |
| For the best five varieties, of twelve specimens each, the Society's plate, valued at . . . . . | 10 00 |
| For the next best, . . . . . | 8 00 |
| For the next best, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For the best three varieties, of twelve specimens each, . | 8 00 |
| For the next best, . . . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the best dish of Apples, twelve specimens of one variety, . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| Amount carried forward, . . . . | $140 00 |

| | |
|---|---|
| Amount brought forward, | $140 00 |
| PEARS.—For the best ten varieties, of twelve specimens each, the Lyman plate, valued at | 20 00 |
| For the next best, | 15 00 |
| For the next best, | 12 00 |
| For the best eight varieties, of twelve specimens each, | 15 00 |
| For the next best, | 12 00 |
| For the next best, | 8 00 |
| For the best five varieties, of twelve specimens each, the Society's plate, valued at | 10 00 |
| For the next best, | 8 00 |
| For the next best, | 6 00 |
| For the next best, | 4 00 |
| For the best three varieties, of twelve specimens each, | 8 00 |
| For the next best, | 5 00 |
| For the next best, | 3 00 |
| For the best dish of Pears, twelve specimens of one variety, | 5 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |
| For the next best, | 2 00 |
| PEACHES.—For the best collection, of not more than four varieties, | 5 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |
| For the next best, | 2 00 |
| PLUMS.—For the best collection, of not more than four varieties, | 5 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |
| For the next best, | 2 00 |
| GRAPES, FOREIGN.—For the best five varieties, two bunches each, | 10 00 |
| For the next best, | 8 00 |
| For the next best, | 6 00 |
| For the next best, | 4 00 |
| For the best two varieties, two bunches each, | 5 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |
| For the next best, | 2 00 |
| For the best collection, not less than six varieties, | 10 00 |
| For the next best, | 8 00 |
| For the next best, | 6 00 |
| For the next best, | 4 00 |
| GRAPES, NATIVE.—For the best specimens, | 5 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |
| For the next best, | 2 00 |
| GRATUITIES to be awarded in Publications, | 78 00 |
| | $470 00 |

## PRIZES FOR PLANTS, FLOWERS AND BOUQUETS.

AMOUNT APPROPRIATED, SEVEN HUNDRED AND FIFTY DOLLARS.

| | |
|---|---|
| CAMELLIAS.—Prizes to be awarded third Saturday in January. | |
| For the best twelve named varieties of cut flowers with foliage, a prize of . . . . . | $8 00 |
| For the next best, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| HEATHS.—Prizes to be awarded third Saturday in February. | |
| For the best named varieties, in pots, . . . | 10 00 |
| For the next best, . . . . . | 8 00 |
| For the next best, . . . . . | 6 00 |
| EPACRIS.—Prizes to be awarded third Saturday in February. | |
| For the best named varieties, in pots, . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| GREENHOUSE AZALEAS.—Prizes to be awarded third Saturday in February. | |
| For the best six named varieties, in pots, . . . | 10 00 |
| For the next best, . . . . . | 8 00 |
| For the next best, . . . . . | 6 00 |
| | $76 00 |

### Opening of the Hall.

*Prizes to be awarded on the third Saturday in May.*

| | |
|---|---|
| PELARGONIUMS.—For the best six named varieties, grown in pots, a premium of . . . . . | $6 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 2 00 |
| FUCHSIAS.—For the best six named varieties, in pots, . . | 8 00 |
| For the next best, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| CALCEOLARIAS.—For the best six varieties, . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| CINERARIAS.—For the best six named varieties, . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| GREENHOUSE PLANTS.—For the best display of not less than twenty, regard to be had to new and rare varieties, and well grown specimens, of named plants, . . . | 15 00 |
| Amount carried forward, | $141 00 |

| | |
|---|---|
| Amount brought forward, | $141 00 |
| For the next best, | 12 00 |
| For the next best, | 10 00 |
| For the next best, | 8 00 |
| Cut Flowers.—For the best display, | 6 00 |
| For the next best, | 5 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |
| For the next best, | 2 00 |
| Hyacinths.—For the best display, not less than ten named varieties, | 4 00 |
| For the next best, | 3 00 |
| Pot Plants—regard being had to new and rare varieties— For the best specimen plant, | 10 00 |
| For the next best, | 8 00 |
| For the next best, | 6 00 |
| For the next best, | 4 00 |
| Tulips.—For the best twenty distinct named varieties, a prize of | 5 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |
| Pansies.—For the best twelve distinct varieties, in pots, a prize of | 6 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |
| Hawthorns.—For the best display of named varieties, | 3 00 |
| For the next best, | 2 00 |
| Hardy Azaleas.—For the best display of named varieties, | 6 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |
| Shrubby Pæonies.—For the best six named varieties, | 5 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |

## Prizes to be awarded at the Weekly Exhibitions during the Season.

| | |
|---|---|
| Herbaceous Pæonies.—Prizes to be awarded third Saturday in June. For the best ten named varieties, | 5 00 |
| For the next best, | 4 00 |
| For the next best, | 3 00 |
| Aquilegias.—Prizes to be awarded third Saturday in June. For the best display, a prize of | 5 00 |
| For the next best, | 3 00 |
| For the next best, | 2 00 |
| Amount carried forward, | $303 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $303 00 |
| PINKS.—Prizes to be awarded third Saturday in June. | |
| For the best six distinct named varieties, . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| HERBACEOUS PLANTS.—Prizes to be awarded third Saturday in June. | |
| For the best display, a prize of . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 2 00 |
| HARDY JUNE ROSES.—Prizes to be awarded third Saturday in June, or at a special rose show. | |
| CLASS I. | |
| For the best thirty distinct named varieties, . . . | 8 00 |
| For the next best, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| CLASS II. | |
| For the best twenty distinct named varieties, . . . | 7 00 |
| For the next best, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| CLASS III. | |
| For the best twelve distinct named varieties, . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| CLASS IV. | |
| HARDY CLIMBING ROSES.—Prizes to be awarded third Saturday in June. | |
| For the best display, not less than four named varieties, . | 5 00 |
| For the next best, not less than four, . . . | 4 00 |
| For the next best, not less than four, . . . | 3 00 |
| CLASS V. | |
| HARDY PERPETUAL ROSES.—Prizes to be awarded first Saturday in September. | |
| For the best ten named varieties, a prize of . . . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| SPIREAS.—Prizes to be awarded third Saturday in June. | |
| For the best display, named, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| SUMMER PHLOXES.—Prizes to be awarded third Saturday in July. | |
| For the best ten distinct varieties, named, . . . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| Amount carried forward, | $414 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $414 00 |
| CARNATIONS AND PICOTEE PINKS.—Prizes to be awarded third Saturday in August. | |
| For the best ten varieties, named, . . . . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| HARDY RHODODENDRONS.—For the best display of the season, of named varieties, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| HOLLYHOCKS —Prizes to be awarded third Saturday in July. | |
| For the best twelve varieties in spikes, named, . . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 2 00 |
| BALSAMS.—Prizes to be awarded third Saturday in August. | |
| For the best eight varieties, in spikes, . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| PHLOXES.—Prizes to be awarded third Saturday in August. | |
| For the best ten distinct named varieties, . . . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| PETUNIAS.—Prizes to be awarded third Saturday in August. | |
| For the best collection, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| ANNUALS.—Prizes to be awarded third Saturday in August. | |
| For the best display, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| ANTIRRHINUMS.—Prizes to be awarded third Saturday in June. | |
| For the best display, of named varieties, . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| GERMAN ASTERS.—Prizes to be awarded first Saturday in September. | |
| For the best thirty flowers, not less than ten varieties, . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| STOCKS.—Prizes to be awarded first Saturday in September. | |
| For the best eighteen spikes, not less than six varieties, . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| Amount carried forward, | $527 00 |

| | |
|---|---|
| Amount brought forward, . . . . | $527 00 |

DAHLIAS.—Prizes to be awarded first Saturday in October, or at a special dahlia show.

CLASS I.

| | |
|---|---|
| *Premier Prize*—For the best twelve dissimilar named blossoms, a prize of . . . . . | 8 00 |
| *Specimen Bloom*—For the best named flower, . . | 2 00 |
| *Various Colors, named.*—For the best yellow; variegated; maroon; crimson; very dark; white; edged or tipped; scarlet; striped; a prize of $1 each, . . . | 9 00 |

CLASS II.

| | |
|---|---|
| For the best twenty-four named dissimilar blooms, . . | 8 00 |
| For the next best, . . . . . | 5 00 |

CLASS III.

| | |
|---|---|
| For the best eighteen named dissimilar blooms, . . | 6 00 |
| For the next best, . . . . . | 4 00 |

CLASS IV.

| | |
|---|---|
| For the best six named dissimilar blooms, . . . | 5 00 |
| For the next best, . . . . . | 3 00 |

VERBENAS.—Prizes to be awarded the first Saturday in September.

| | |
|---|---|
| For the best named collection, a prize of . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |

For the best new seedling, with foliage, the Society's silver medal.

CHRYSANTHEMUMS.—Prizes to be awarded the first Saturday in November.

| | |
|---|---|
| For the best twelve named varieties, in pots, . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 2 00 |

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## POT PLANTS, CUT FLOWERS AND BOUQUETS.

*Prizes to be awarded at the Annual Exhibition.*

| | |
|---|---|
| BOUQUETS.—For the best pair, suitable for the Bradlee Vases, a prize of the Bradlee plate, valued at . . . | $10 00 |
| For the best pair, suitable for the Jones vases, a prize of . | 10 00 |
| PARLOR BOUQUETS.—For the best pair, a prize of . . | 8 00 |
| For the next best, . . . . . | 7 00 |
| For the next best, . . . . . | 6 00 |
| For the next best, . . . . . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| Amount carried forward, | $651 00 |

| | |
|---|---|
| Amount brought forward, . . . | $651 00 |
| Mantel Bouquets.—For the best pair, . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| Hand Bouquets.—For the best four, . . . . | 5 00 |
| For the next best, . . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| Cut Flowers.—For the best display, and best kept during the exhibition, a prize of . . . . . | 15 00 |
| For the next best, . . . . . | 12 00 |
| For the next best, . . . . . | 10 00 |
| For the next best, . . . . . | 8 00 |
| For the next best, . . . . . | 6 00 |
| Achimenes.—For the best six pots, . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| Gloxinias.—For the best six pots, . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For the best new seedling, Society's silver medal. | |
| Gratuities, . . . . . | 8 00 |
| | $750 00 |

## PRIZES FOR VEGETABLES.

AMOUNT APPROPRIATED, THREE HUNDRED DOLLARS.

| | |
|---|---|
| Asparagus.—For the best, not less than four bunches, . . | $3 00 |
| For the next best, . . . . . | 2 00 |
| Beets.—For the best (pure blood beet,) not less than twelve roots, on the third Saturday in October, . . . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| For the best Summer, on the third Saturday in July, . . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| Beans.—For the best and earliest peck of string beans, a prize of | 3 00 |
| For the best and earliest Lima beans, not less than two quarts, on the third Saturday in August, . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| For the best and earliest variety of shell beans, third Saturday in July, . . . . . | 3 00 |
| Cabbages.—For the earliest and best, not less than three heads, on the third Saturday in July, . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| Amount carried forward, | $39 00 |

| | |
|---|---|
| Amount brought forward, . . . | $39 00 |
| For the best Savoy cabbage, not less than three heads, on the third Saturday in October, a prize of . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| CARROTS.—For the best, not less than twelve roots, on the third Saturday in July, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| CAULIFLOWERS.—For the best and largest, during the season, not less than three heads, a prize of . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| CELERY.—For the largest and best blanched, not less than six roots, third Saturday in October, a prize of . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| CORN.—For the earliest and best sweet corn, not less than twelve ears, on the third Saturday in July, . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| CUCUMBERS.—For the best pair under glass, on the third Saturday in May, . . . . . | 5 00 |
| For the next best, . . . . . | 3 00 |
| For the best and earliest of open culture, . . . | 3 00 |
| EGG PLANTS.—For the best three, on the third Saturday in August, a prize of . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| LETTUCE.—For the best six heads, on the third Saturday in June, a prize of . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| ONIONS.—For the earliest and best three bunches, on the third Saturday in July, . . . . . | 2 00 |
| POTATOES.—For the best and earliest peck, on the third Saturday in June, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| PEAS.—For the best and earliest peck, on the third Saturday in June, a prize of . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| For the best peck of late, on the third Saturday in August, . | 3 00 |
| For the next best, . . . . . | 2 00 |
| RHUBARB.—For the largest and best, on the third Saturday in June, not less than twelve stalks, a prize of . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| SQUASHES.—For the best Summer, on the third Saturday in July, | 3 00 |
| For the next best, . . . . . | 2 00 |
| For the best Marrow, or other late varieties for the table, . | 3 00 |
| For the next best, . . . . . | 2 00 |
| TOMATOES.—For the best, not less than one dozen, on the third Saturday in July, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| Amount carried forward, | $125 00 |

| | |
|---|---|
| Amount brought forward, . . . | $125 00 |
| VEGETABLES.—For the best display and greatest variety at the exhibitions during the season, and not otherwise entered for prizes, . . . . . | 10 00 |
| For the next best, . . . . . | 6 00 |
| | $141 00 |

## To be awarded at the Annual Exhibition.

| | |
|---|---|
| For the best display and greatest variety of vegetables, . . | 15 00 |
| For the next best, . . . . . | 10 00 |
| For the next best, . . . . . | 8 00 |
| For the next best, . . . . . | 6 00 |
| For the next best, . . . . . | 4 00 |
| For any new variety of vegetable suitable for the table, and worthy of cultivation, other than seedling potatoes, . . | 5 00 |
| CAULIFLOWER.—For the best, not less than three heads, . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 1 00 |
| CABBAGE.—For the best Drumhead, not less than three heads, . | 4 00 |
| For the next best, . . . . . | 3 00 |
| For the next best, . . . . . | 1 00 |
| MUSK MELONS, Christiana or Greenflesh.—For the best, not less than three, . . . . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| For the next best, . . . . . | 1 00 |
| WATER MELONS.—For the best, not less than two, . . | 3 00 |
| For the next best, . . . . . | 2 00 |
| For the next best, . . . . . | 1 00 |
| MAMMOTH SQUASH.—For the largest and best—Silver medal. | |
| For the next best, . . . . . | 3 00 |
| PUMPKINS.—For the best—Medal. | |
| For the next best, . . . . . | 3 00 |
| Gratuities to be awarded in publications, . . . | 77 00 |
| | $300 00 |

# RULES AND REGULATIONS.

1. All Fruits, Flowers and Vegetables, offered for Prizes, must have their names annexed, and must have been grown by the competitors.

2. Articles exhibited for Prizes must be placed in the Stands by 11 o'clock, A. M.

3. Contributors of Fruits, for exhibition or Prizes, are requested to present the same in dishes or baskets of the Society, or in suitable baskets or boxes of their own.

4. All contributors exhibiting Plants, Flowers, Fruits, or Vegetables, *who desire a full report of the same*, must hand a list to the Chairman of the respective Committees.

5. After the articles are arranged, they will be under the exclusive charge of the Committees, and *not even the owners* will have liberty to *remove* or *touch* them until the exhibition is closed, when they will be delivered as the contributors may direct.

6. No Flowers, Fruits or Vegetables will be entitled to a Prize unless they possess points of superiority; and the Committees have the discretionary power of withholding Prizes, if, in their opinion, the articles exhibited do not merit them.

7. Plants in Pots, to be entitled to Prizes, must evince skilful culture, in the profusion of bloom, and the beauty, symmetry, and vigor of the specimens.

8. Competitors will be required to furnish information on their mode of cultivation, and to present specimens for trial and examination if requested.

9. No article, for which a Prize has been once awarded, can receive another during the season.

10. The Committee are authorized to award Gratuities for any new or rare Fruits, Flowers, Vegetables, Plants, or Designs of merit, and for which no Prize has been offered.

11. The Fruit Committee, in making their awards, will consider the flavor, beauty, and size of the specimens; and each of these properties as compared with a fair standard of the variety.

12. In deciding on the merits of a Fruit or Vegetable, its value for general cultivation will be taken into account; but *superior* specimens of any good variety will not be excluded from Prizes, even though they may not flourish in all situations.

13. When specimens are presented for a *name*, the exhibitor shall communicate all the information he possesses, as to the *origin* and the *local* appellation.

14. It will be the duty of the Committees to *exclude from Exhibition all*

*inferior specimens.* Also, all such *Designs* as, in their opinion, evince an incorrect taste.

15. The Committee have power to change the time of exhibition for any article, if an earlier or later season renders such change necessary, by giving seasonable notice thereof to the Society.

16. All Prizes, not applied for within six months from the time of award, shall revert to the Society for its own use and benefit.

17. No member of any of the Committees for awarding Premiums or Gratuities, shall, in any case, vote or decide respecting an award for which such member may be a competitor, or therein have an interest; but in such case such member or members shall temporarily vacate his place upon the Committee, such vacancy for the time being to be supplied by the remaining members of the Committee.

18. In order to afford the Committees an opportunity to examine and report on the articles exhibited, no other person can be admitted to, or remain in, the Hall, between the hours of eleven and a half and twelve o'clock, on the days of exhibition.

19. The Society's Premiums are open for members only.

20. Premiums can be awarded only to exhibitors who have complied with the published Rules and Regulations.

☞ The foregoing Schedule of Prizes, having received the approval of the Executive Committee, and the Regulations confirmed by a vote of the Society, is now published as the List of Prizes for the current year.

*Boston, January,* 1858.

JOSIAH STICKNEY, *President.*

F. Lyman Winship, *Recording Secretary.*

## ACT OF INCORPORATION.

## Commonwealth of Massachusetts.

In the Year of our Lord One Thousand Eight Hundred and Twenty-Nine.

## AN ACT

### TO INCORPORATE THE MASSACHUSETTS HORTICULTURAL SOCIETY.

SECTION 1. *Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same,* That ZEBEDEE COOK, JR., ROBERT L. EMMONS, WILLIAM WORTHINGTON, B. V. FRENCH, JOHN B. RUSSELL, J. R. NEWELL, CHEEVER NEWHALL and THOMAS G. FESSENDEN, their associates and successors, be and they hereby are incorporated under the name and by the description of the Massachusetts Horticultural Society, for the purpose of encouraging and improving the science and practice of Horticulture, and promoting the amelioration of the various species of trees, fruits, plants, and vegetables, and the introduction of new species and varieties; with power to make by-laws not inconsistent with the Laws of the Commonwealth, for the regulation of said Society, and the management of the same and of its concerns; to receive donations, bequests and devises for promoting the objects of said Society; to lay and collect assessments on the Members, not exceeding two dollars per annum; to enforce the payment of such assessments by action for the same; to purchase and hold real estate to the amount of ten thousand dollars, and personal estate to the amount of twenty thousand dollars; to elect a Treasurer, Secretary, and other officers—the appointment of which shall be provided for in the by-laws of said Society; the meeting for the election of such officers to be called at the times and in the manner provided in such by-laws; to empower the President, Directors, Comptrollers, Treasurer, Committees, or other Officers or Members, or any Attorneys, Agents, or Representatives of said Society, to transact the business, manage and apply the funds, discharge the functions, and promote the objects thereof; to authorize any of the Members or Officers of said Society to fill vacancies in the various offices of the same that may happen in the intervals between the meetings of the Members for choosing officers; and to commence and defend suits.

SECTION 2. *Be it further enacted,* That in case the said Corporation shall at any time contract debts beyond their means and ability to pay at

the time of contracting the same, the Officers or other Agents of said Corporation so contracting such debts shall be personally liable for the same.

Section 3. *Be it further enacted*, That any member of said Corporation may cease to be a Member thereof, by giving notice to that effect to the President, Treasurer, Secretary, or other Officers, and paying the amount due from him to the Society.

Section 4. *Be it further enacted*, That the first meeting of the Members of said Corporation may be called by any two or more of the persons named in the first section, by giving one week's notice or more, by advertisement in any newspaper printed in Boston.

Section 5. *Be it further enacted*, That this Act may be altered or repealed at the discretion of the Legislature.

In House of Representatives, June 12, 1829.

Passed to be enacted.

WM. B. CALHOUN, *Speaker.*

In Senate, June 12, 1829.

Passed to be enacted.

SAMUEL LATHROP, *President.*

June 12th, 1829.

Approved.

LEVI LINCOLN.

A true Copy of the Original Act.

Attest, EDWARD D. BANGS, *Secretary of the Commonwealth.*

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## AN ACT

### IN ADDITION TO AN ACT TO INCORPORATE THE MASSACHUSETTS HORTICULTURAL SOCIETY.

*Be it enacted by the Senate and House of Representatives, in General Court assembled, and by the authority of the same, as follows:*

Section 1. The Massachusetts Horticultural Society are hereby authorized to purchase and hold real estate to the amount of fifty thousand dollars.

Section 2. This act shall take effect from and after its passage. [Approved by the Governor, Feb. 5, 1844.]

# MOUNT AUBURN CEMETERY.

## ACT INCORPORATING THE PROPRIETORS OF MOUNT AUBURN CEMETERY.

Section 10. *Be it further enacted, as follows:* First, that the present proprietors of lots in the said Cemetery, who shall become members of the corporation created by this act, shall thenceforth cease to be members of the said Horticultural Society, so far as their membership therein depends on their being proprietors of lots in the said Cemetery. Secondly, that the sales of the Cemetery lots shall continue to be made as fast as it is practicable by the corporation created by this act, at a price not less than the sum of sixty dollars for every lot containing three hundred square feet, and so in proportion for any greater or less quantity, unless the said Horticultural Society, and the corporation created by this act, shall mutually agree to sell the same at a less price. Thirdly, that the proceeds of the first sales of such lots, after deducting the annual expenses of the Cemetery establishment, shall be applied to the extinguishment of the present debts due by the said Horticultural Society on account of the said Garden and Cemetery, and after the extinguishment of the said debts, the balance of the said proceeds, and the proceeds of all future sales, shall annually, on the first Monday in every year, be divided between the said Horticultural Society and the corporation created by this act, in manner following, namely: fourteen hundred dollars shall be first deducted from the gross proceeds of the sales of lots, during the preceding year, for the purpose of defraying the superintendent's salary and other incidental expenses of the Cemetery establishment, and the residue of the said gross proceeds shall be divided between the said Horticultural Society, and the corporation created by this act, as follows, namely: one fourth part thereof shall be received by and paid over to the said Horticultural Society on the first Monday of January of every year, and the remaining three fourth parts shall be retained and held by the corporation created by this act, to their own use forever. And if the sales of any year shall be less than fourteen hundred dollars, then the deficiency shall be a charge on the sales of the succeeding year or years. Fourthly, the money so received by the said Horticultural Society shall be forever devoted and applied by the said Society to the purposes of an experimental Garden, and to promote the art and science of horticulture,

and for no other purpose. And the money so retained by the corporation created by this act, shall be forever devoted and applied to the preservation, improvement, embellishment and enlargement of the said Cemetery and Garden, and the incidental expenses thereof, and for no other purpose whatsoever. Fifthly, a committee of the said Horticultural Society, duly appointed for this purpose, shall, on the first Monday of January of every year, have a right to inspect and examine the books and accounts of the treasurer, or other officer acting as treasurer of the corporation created by this act, as far as may be necessary to ascertain the sales of lots of the preceding year.

# MEMBERS

OF THE

# MASSACHUSETTS HORTICULTURAL SOCIETY.

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A * DENOTES THE MEMBERS AS DECEASED.

## MEMBERS FOR LIFE.

*Adams, Daniel, *Newbury.*
Adams, George E., *Medford.*
Allen, John Fisk, *Salem.*
Amory, Charles, *Boston.*
Amory, James S., "
Andrews, W. T., "
Appleton, Nathan, "
Appleton, Robert, "
*Armstrong, Samuel T., *Boston.*
Aspinwall, Augustus, *Brookline.*
Austin, William R., *Dorchester.*

Barnard, Rev. C. F., *Boston.*
Bartlett, E., *Newburyport.*
Barrows, Thomas, *Dedham.*
Bemis, Amory, *Cambridge.*
Blake, George B., *Brookline.*
Blodgett, J. W., *Boston.*
Bond, George W., *Roxbury.*
Bouvé, Th. T., *Boston.*
Bowditch, A. C., "
Bowditch, J. Ingersoll, *Roxbury.*
Bradford, Samuel D., *W. Roxbury.*
Bradlee, J. B., *Boston.*
*Bradlee, Joseph P., "
Bradlee, Josiah, "
Breed, Andrew, *Lynn.*
Breed, Henry A., "
*Brewer, Eliab Stone, *Roxbury.*
Brewer, Otis, *Roxbury.*
Brewer, Thomas, *Boston.*
Bright, Jona. B., *Waltham.*
Brown, Ebenezer, *Lynn.*
Burr, Fearing, Jr., *Hingham.*
Burr, M. H., "

Cadness, John, *New York.*
Carruth, Ch., *Boston.*
Carruth, Nathan, *Dorchester.*
*Chapman, Jona., *Boston.*
Chase, Hezekiah, *Lynn.*
Chase, Hezekiah, *South Boston.*
Chase, Wm. M., *Worcester.*
Clapp, Thaddeus, *Dorchester.*
Cleveland, Ira, *Dedham.*
*Codman, John, D. D., *Dorchester.*
Collamore, G. W., *Boston.*
Comer, G. N., *Newton.*
Comerais, Henry, *Dedham.*
Copeland, R. M'Cleary, *Boston.*
Copeland, R. Morris, *Lexington.*
Courtis, William, *Marblehead.*
Crafts, Ebenezer, *Roxbury.*
Crocker, Uriel, *Boston.*
*Crowninshield, George C., *Boston.*
Cummings, John, Jr., "
Cushing, Thomas T., "

Daggett, H. L., *Boston.*
Dana, Ch. B., *Brookline.*
Dana, Nathaniel, "
*Decker, Louis, *Boston.*
Dennie, Daniel, *Dorchester.*
*Denny, George, *Westborough.*
Denny, R. S., *Dorchester.*
Downer, Samuel, "
Duncklee, John, *Brighton.*
Durfee, Mrs. F. B., *Fall River.*
*Durfee, Geo. B., "
Durfee, Nathan, "

*Edwards, Elisha, *Springfield.*
Eliot, Samuel A., *Boston.*
Everett, Otis G., "

Fairbanks, H. P., *Charlestown.*
Fairbanks, Stephen, *Boston.*
Fearing, Albert, "
Fenno, John, *Chelsea.*
Fisher, Warren, *Roxbury.*
*Fiske, Oliver, *Worcester.*
Foster, John H., *Boston.*
Foster, J. W., *Dorchester.*
French, Benjamin V., *Dorchester.*
French, Jonathan, *Roxbury.*
Frothingham, S. C., *Boston.*

*Gaffield, James, *Gloucester.*
Gage, Addison, *West Cambridge.*
Gardner, W. F., *Salem.*
*Gibson, Kimball, *Boston.*
*Gilmore, Addison, "
Grinnell, Joseph, *New Bedford.*
Groom, Thomas, *Dorchester.*

*Hall, Adin, *Boston.*
*Harris, William T., *Cambridge.*
Hastings, Edmund T., *Boston.*
Hayden, A. W., *Portsmouth.*
*Hedge, Isaac L., *Plymouth.*
Hazeltine, H., *Boston.*
Holbrook, C. S., *E. Randolph.*
Hooper, John, Jr., *Marblehead.*
Hooper, Robert C., *Boston.*
Hovey, C. M., *Cambridge.*
Hovey, P. B., *Cambridgeport.*
Howe, George, *Roxbury.*
*Howe, Hall J., *South Boston.*
Howe, Jabez C., *Boston.*
Howe, John, *Brookline.*
Howland, Henry, *Malden.*
Howland, John, Jr., *New Bedford.*
Hubbard, W. J., *Boston.*
Huckins, James W., *Roxbury.*
Hunnewell, H. H., *West Needham.*

Jones, C. F., *Roxbury.*
*Jones, Thomas, *Boston.*
Johnson, Otis, *Lynn.*

Kendall, D. S., *Boston.*
Kenney, John M., *Wareham.*
Kimball, A. P., *Boston.*
King, Edward, *Dorchester.*
King, Franklin, "
King, William S., *Roxbury.*
Kingsbury, Wm. B., "
Kinsley, Lyman, *Canton.*
Kittredge, Dr. E. A., *Boston.*

Lamb, Thomas, *Boston.*
Lawson, Peter, *Dracut.*
Leavens, S. Davis, *Boston.*
Lee, George, *Watertown.*
Leland, George, *Waltham.*
Lewis, A. S., *Framingham.*
Lewis, Wm. G., "
Lincoln, Levi, *Worcester.*
*Lincoln, William, "
*Lloyd, James, *Boston.*
Lombard, I., "
Lothrop, Ed. W., *Chelsea.*
Lovett, G. A., *Beverly,*
Lowder, John, *Watertown.*
Lyon, Henry, *Charlestown.*

Mann, Jonathan, *Cambridge.*
Manning, Joseph, *Medford.*
Manning, Robert, *Salem.*
Mansfield, H. S., *Blackstone.*
*March, Andrew S., *Roxbury.*
Marland, A., *Andover.*

Marsh, Francis, *Dedham.*
Martin, Richard T., *Boston.*
May, Samuel, "
Merriam, Charles, *West Newton.*
Mills, Charles H., *Boston.*
Milton, W. H., *Roxbury.*
Minot, Charles, *Somerville.*
Mixter, Charles, *Boston.*
Morse, S. B., "
Morse, Samuel F., "
Motley, Thomas, Jr., *W. Roxbury.*
Mudge, E. R., *Lynn.*
Mudge, Geo. W., "

Newhall, Cheever, *Dorchester.*
Newhall, George, "
Newhall, John M., "
Newhall, Josiah, *Lynnfield.*
Newman, Henry, *Roxbury.*
Nuttall, Thomas, *of England.*

Paige, James W., *Boston.*
Paine, Robert T., "
Palmer, J. P., "
Parker, Augustus, *Roxbury.*
*Parker, Daniel P., *Boston.*
Parker, James, "
Parker, William A., "
*Parkman, Rev. Francis, *Boston.*
*Parsons, Gorham, *Brighton.*
*Parsons, William, *Boston.*
Partridge, Henry, *Medfield.*
Peirce, S. B., *Dorchester.*
Perkins, Ed. N., *Brookline.*
Perkins, Wm. P., "
*Perry, John, *Sherborn.*
Poole, Benjamin C., *Chelsea.*
Pope, Alexander, *Dorchester.*
Pratt, George W., *Boston.*
Prescott, C. H., *Cornwallis, N. S.*
Preston, John, *Dorchester.*

Rand, E. S., *Dedham.*
Reed, George W., *Kingston.*
Reynoso, Bernard de, *S. Boston.*
Richards, Edward M., *Dedham.*
Richards, William B., *Boston.*
Robinson, J. H., *Dorchester.*
*Rotch, William, *New Bedford.*
Russell, George R., *Roxbury.*

Sampson, G. R., *Brookline.*
Sanford, O. S., *Cordaville.*
Sargent, Ignatius, *Brookline.*
*Seaver, Nathaniel, *Roxbury.*
Sever, J. W., *Dorchester.*
*Shaw, Robert G., *Boston.*
Sheafe, Ch. H., *Newtonville.*
*Silsby, Enoch, *Bradford.*
Smith, Ch. A., *Boston.*
Smith, Stephen H., *Providence.*
Springer, John, *Sterling.*
Stetson, Nahum, *Bridgewater.*
Stevens, Paran, *Boston.*
Stickney, Josiah, *Watertown.*
Stimpson, George, *Charlestown.*
Stone, G. F., *Newton.*
Story, E. A., *Brighton.*
Story, F. H., *Salem.*
*Story, Joseph, *Cambridge.*
Sturgis, William, *Woburn.*
Swain, Ch. D., *Roxbury.*

Tappan, Charles, *Boston.*
*Teschemacher, J. E., "
Thaxter, A. W., Jr., "
*Thayer, J. E., "
*Thorndike, Israel, "
*Towle, Lyman, "
Tremlett, Thomas, *Dorchester.*
Turner, J. M.

Wainwright, Peter, *Boston.*
Wakefield, E. H., *Chelsea.*
*Waldo, Daniel, *Worcester.*
Walker, Edward C. R., *Roxbury.*
Walker, Samuel, "
Walker, Samuel A., *Brookline.*
Warren, G. W., *Boston.*
Webber, A. D., *W. Needham.*
Webster, Joshua, *Lynn.*
Webster, Nathan, *Haverhill.*
Welsh, J. H., *Dorchester.*
*West, Thomas, *Haverhill.*

Whitcomb, Levi, *Boston.*
White, B. C., "
Whiting, Nathaniel, *Brookline.*
Whytal, Thomas G., *W. Roxbury.*
Wight, Eben., *Dedham.*
Wilder, Marshall P., *Dorchester.*
Williams, Aaron D., *Roxbury.*
Williams, Aaron D., Jr., "
Winship, Franklin, *Brighton.*
Winship, F. Lyman, "
Wolcott, Edward, *Pawtucket.*
*Worthington, William, *Dorchester.*

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## ANNUAL MEMBERS.

Adams, Benjamin, *Boston.*
Adams, Charles F., *Quincy.*
Adams, Ch. Fred., *Boston.*
Adams, Joseph H., "
*Adams, Z. B., "
Albree, John, "
Ames, R. W., *Roxbury.*
*Andrew, John H., *Salem.*
Andrews, Alfred A., *Boston.*
*Andrews, Ebenezer T., "
*Andrews, Ferdinand, "
*Andrews, Robert, "
Apple, Antane, *Cambridge.*
Appleton, Samuel A., *Boston.*
*Arnold, John, *Dorchester.*
Ashby, William, *Newburyport.*

Bachelder, Samuel, *Cambridge.*
Bachi, I. C., *Dorchester.*
Bacon, William, *Roxbury.*
Bailey, Kendall, *Charlestown.*
*Baker, Walter, *Dorchester.*
Baker, W. P., *Quincy.*
*Balch, Joseph, *Roxbury.*
Barnes, Parker, *Dorchester.*
*Barrett, George C., *Boston.*
Bartlett, Enoch, *Roxbury.*
Bartlett, Levi, *Boston.*
*Belknap, A. E., "
Bennett, Oliver, *Framingham.*
Bigelow, George T., *Boston.*
Bigelow, Samuel, "
Billings, Joseph H., *West Roxbury.*
Blanchard, John A., *Boston.*
Blake, G. T., *Boston.*
Bliss, B. K., *Springfield.*
Boott, William, *Boston.*
Bowditch, Azell, *Roxbury.*
Boyd, Francis, *Boston.*
Brackett, C., *Newton.*
Brackett, E. A., *Winchester.*
*Bradbury, Charles, *Boston.*
Bradford, Charles F., *Roxbury.*
Bradlee, Henry, *Medford.*
*Bradlee, Joseph, *Boston.*
Bradley, Benjamin, "
Bradley, J. T., "
Breck, C. H. B., *Brighton.*
Breck, Joseph, "
*Bridge, Nathan, *Charlestown.*
*Brimmer, Martin, *Boston.*
Brown, Frederick, "
*Brown, James, *Cambridge.*
Brown, Simon, *Concord.*
Bryant, Albert W., *Lexington.*
Buckman, Bowen, *Woburn.*
Bull, E. W., *Concord.*
Bullard, Calvin, *Boston.*
Bullard, Lewis, *Dedham.*
Burley, Edward, *Salem.*
Burnett, Joseph, *Southborough.*
Burns, Edward, *Brighton.*
Busch, John W., *Brookline.*
Buswell, E. W., *Malden.*

Cabot, Edward C., *Brookline.*
Cabot, Joseph S., *Salem.*
Cabot, Samuel, *Brookline.*

Caines, William, *South Boston.*
Carey, Isaac, *Boston.*
Carter, William E., *Cambridge.*
Chadwick, Joseph H., *Roxbury.*
Chaffin, John C., *Newton.*
Chenery, William W., *Watertown.*
Chickering, Horatio, *Dedham.*
*Chickering, Jonas, *Boston.*
Childs, L. C., *East Lexington.*
Clapp, W. W., Jr., *Boston.*
Clark, E. D., *Boston.*
Clark, John J., *Roxbury.*
Clark, Joseph W., *Dedham.*
Clark, Randolph M., "
Cleaves Ezra C., *Beverly.*
Cobb, Jonathan H., *Dedham.*
*Cole, S. W., *Boston.*
Collamore, John, Jr., *Boston.*
Comins, Linus B., *Roxbury.*
Converse, Joshua, *Woburn.*
Copeland, Charles, *Wyoming.*
Cordwell, G. B., *Roxbury.*
Crafts, W. A., "
Crocker, Fred. W., *Barnstable.*
Crooker, Ralph, *Roxbury.*
Crosby, Josiah, *West Cambridge.*
Cross, R. A., *Boston.*
*Crowninshield, Benjamin W., *Boston.*
*Crowninshield, George C., "
Cunningham, F., *Milton.*
Curtis, William, *Newton.*
Curtiss, Charles F., *West Roxbury.*
Curtis, D. T., *Boston.*
Cutter, George B., *Weston.*

Dana, Francis, *Roxbury.*
*Dane, John, *Boston.*
Daniel, Ellery C., *Dedham.*
*Daniel, Josiah, "
Darracott, George, *Boston.*
Davenport, George, *Dedham.*
Davenport, J., *Brookline.*
Davenport, Lewis, *Milton.*
Davis, Adolphus, *Boston.*
Davis, Barnabas. "
Davis, Franklin A., *Milton.*
*Davis, Isaac P., *Boston.*
Davis, Seth, *West Newton.*
Davis, W. H., *Milton.*
Dean, A. J., *Roxbury.*
Deane, John, Jr., *Dedham.*
*Dearborn, Henry A. S., *Roxbury.*
Dennison, J. N., *Boston.*
*Derby, John, *Salem.*
Dexter, Anson, *Roxbury.*
Dillaway, Charles K., *Roxbury.*
*Dimmock, J. L., *Boston.*
Dixwell, J. J., *West Roxbury.*
*Downer, Samuel, *Dorchester.*
*Dowse, Thomas, *Cambridgeport.*
Driver, Stephen, *Salem.*
*Dudley, David, *Roxbury.*
Dutton, Henry W., *Boston.*

Eastburn, John H., *Boston.*
Eaton, Jacob, *Cambridgeport.*
Edmonds, J. W., *Boston.*
Elbridge, J. S., "
*Eldridge, Chas. H., "
Ellis, Jonathan, "
Emerson, Benjamin D., *Roxbury.*
Emerson, E. C., *Boston.*
*Eveleth, Joseph, *Boston.*
Everett, George, *Concord.*
Evers, Gustav, *Brighton.*
Eustis, James, *South Reading.*

Faxon, Nathaniel, *Boston.*
Fay, Isaac, *Cambridge.*
Fessenden, Charles B., *Boston.*
*Fessenden, Thomas G., "
Fisk, Robert, T. P., *Hingham.*
*Fitch, Jeremiah, *Boston.*
Forbush, Jonathan, *Bolton.*
Ford, Elisha B., *Boston.*
Fowle, Seth W., *Brookline.*
*Francis, David, *Boston.*
French, Asa, *Braintree.*
Frothingham, Samuel, *Boston.*
Fuller, Henry A., *Cambridge.*
Fussell, John, *Roxbury.*

Galvin, John, *Somerville.*
Gammell, John, *Lexington.*

Gardner, John, *Dedham.*
Gay, Arthur O., *Hingham.*
Goddard, Thomas, *Boston.*
Gordon, John, *Brighton.*
Gould, Augustus A., *Boston.*
Grant, Charles E., *Roxbury.*
Grant, E. B., *Watertown.*
*Gray, John, *Boston.*
Gray, John C., "
Greenough, D. S., *W. Roxbury.*
*Greenough, David S., "
Griggs, Charles, *Boston.*
*Grosvenor, L. P., *Pomfret, Conn.*
Guild, Benjamin, *Boston.*
Guild, Chester, *Somerville.*
Gwynneth, William O. H., *Boston.*

Haggerston, David, *Roxbury.*
Hall, C. J., *Medford.*
Hall, Dudley, "
Hall, Jesse, *East Cambridge.*
*Hallett, George, *Boston.*
Haley, Jesse, *West Cambridge.*
Harding, Newell, *Boston.*
Harrington, Bowen, *Lexington.*
*Harris, Richard D., *Boston.*
Harris, William A., *Newton.*
Hastings, Thomas, *Lechmere Point.*
Hatch, Anthony, *Saugus.*
Hatch, Samuel, *Boston.*
*Hayden, John, *Brookline.*
Healey, Mark, *Lynn.*
*Heard, John, *Boston.*
Hendee, C. J., *Roxbury.*
Henshaw, Samuel, *Boston.*
*Hewens, Whiting, *Roxbury.*
Hewins, Charles A., "
*Higginson, Henry, *Boston.*
Hill, James, *Somerville.*
Hill, Jeremiah, *Boston.*
Hill, John, "
*Holbrook, Amos, *Milton.*
Holman, R. W.
Holton, Lemuel, *Boston.*
Horton, Henry K., "
Hosmer, H., *Watertown.*
Hosmer, Z., *Cambridge.*
*Hovey, John, *Roxbury.*
*Howard, John C., *Brookline.*
Howe, Estes, *Cambridge.*
Howe, Joseph N., *East Cambridge.*
Howe, Rufus, *Marlborough.*
Howe, S. G., *South Boston.*
Hunneman, J. J., *Roxbury.*
Hyde, George, *Newton.*
Hyde, J. F. C., "
*Hysop, David, *Brookline.*

Jenks, J. H., *Boston.*
Jenney, William P., *Fair Haven.*
Jennings, Levi, *Newton, L. F.*
*Johnson, Samuel R., *Charlestown.*
*Johnston, William, *South Boston.*
Jones, James L., *Chelsea.*
*Joy, Joseph G., *Boston.*

Kelley, E. G., *Newburyport.*
Kennard, M. P., *Brookline.*
Kenrick, John A., *Newton.*
Kenrick, William, "
Kimball, Charles, *Winchester.*
Kittredge, Alvah, *Roxbury.*
Knott, James, *Boston.*

Ladd, William G., *Watertown.*
*Lamb, John A. W., *Boston.*
Lathrop, John, *Dedham.*
*Lawrence, Abbott, *Boston.*
*Lawrence, Amos, "
Lawton, Walter, *Brookline.*
Lee, Thomas, "
Leeds, Samuel, *South Boston.*
*Lemist, John, *Roxbury.*
Leuchars, R. B., "
Lincoln, Calvin A., *Hingham.*
Lincoln, F. W., *Canton.*
Lincoln, F. W., Jr., *Boston.*
Little, C. C., "
Livermore, Aaron, *Roxbury.*
Livermore, Isaac, *Cambridgeport.*
Lockwood, R. G., *Charlestown.*
Lombard, I., Jr., *Newton.*
Loring, Benjamin, *Boston.*
Loring, C. G., "

*Loring, Wm. J., *Boston.*
*Lovett, Josiah, 2d, *Beverly.*
Low, Ariel, *Roxbury.*
Low, John J., "
*Lowell, John, "
*Lowell, William B., *Newton.*

*Mackay, John, *Boston.*
*Manning, Robert, *Salem.*
Martin, Jeremiah, *Melrose.*
Mason, John, *Cambridgeport.*
Mayhew, A. C., *Boston.*
*McIntire, Daniel, *Framingham.*
McLellan, Alexander, *Watertown.*
McTear, James, *Dedham.*
*Mellar, William, *Roxbury.*
Merriam, Galen, *West Newton.*
Merrill, S. A., *Salem.*
Millar, John L., *Boston.*
Miller, David, *South Boston.*
*Miller, Edward, *Boston.*
Mills, H. Lewis, "
*Minns, Thomas, "
Minot, G. R., *Roxbury.*
*Morgan, Thomas, *Boston.*
Moore, J. B., *Concord.*
Morse, Robert M., *Boston.*
Munroe, James, Jr., *Cambridge.*
Murray, Dennis, *Roxbury.*
Murray, James, "
Murray Robert, *Waltham.*

*Newell, Joseph W., *Charlestown.*
Nichols, W. S., *Roxbury.*
*Nicholson, Com., (U. S. N.)
Nudd, Jacob, *Cambridgeport.*
Nugent, James, *Roxbury.*

Oliver, H. K., *Lawrence.*
Oliver, Stephen, *Lynn.*
*Oliver, William, *Dorchester.*
*Otis, Harrison G., *Boston.*
Owen, John, *Cambridge.*

Page, Thomas, *Waltham.*
Parker, Harvey D., *Boston.*
Parker, Isaac, "
Parker, M. S., *Boston.*
*Parris, Alexander, *Pembroke.*
Parsons, Theophilus, *Cambridge.*
Payson, Samuel R., *Roxbury.*
Pearman, W. R., *Chelsea.*
Peirce, George, *West Cambridge.*
*Penniman, Elisha, *Brookline.*
*Perkins, Thomas H., *Boston.*
Peters, H. H., *Southborough.*
*Pettee, Otis, *Newton.*
Phipps, Samuel, *Dorchester.*
Plummer, William, *Lexington.*
*Pond, Samuel, *Cambridgeport.*
Pope, Rev. A. R., *Somerville.*
Porter, Z. B., *Cambridge.*
Potter, John C., *Newton.*
*Pratt, William, Jr., *Watertown.*
*Prescott, William, *Boston.*
*Priest, John F., "
Prince, F. O., *Winchester.*
*Prince, John, *Roxbury.*
Prince, William G., *Boston.*
Prouty, Lorenzo, "

Rand, Edward S., *Newburyport.*
Rand, E. S., Jr., *Boston.*
Rand, I. P., *Boston.*
Rice, Edward E., *Dorchester.*
Rice, Henry, *Boston.*
Rice, Thomas, Jr., *Newton, L. F.*
*Richardson, Josiah, *Cambridge.*
*Robbins, Charles, *South Boston.*
*Robbins, Edward H., *Boston.*
*Rollins, Ebenezer, "
*Rowe, Joseph, *Milton.*
Ryder, Rev. W. H., *Roxbury.*

Sanborn, John, *Charlestown.*
*Savage, William, *Boston.*
*Sawyer, M. P., "
Sawyer, Timothy T., *Charlestown.*
Schimming, H., *Watertown.*
Schlegel, Adam, *Boston.*
*Seaver, Benjamin, "
Shaw, Charles B., *Dedham.*
Shaw, Lemuel, *Boston.*
Simmons, D. A., *Roxbury.*

Simpson, Michael H., *Saxonville.*
*Skinner, John, *Charlestown.*
Sleeper, J. S., *Roxbury.*
Smallwood, Thomas, *Newton.*
Smith, Edmund, *Brighton.*
Southack, George, *Roxbury.*
Spooner, Wm. H., *West Roxbury.*
Stanwood, H. B., *Boston.*
Stetson, Amos W., *Bridgewater.*
Stetson, James A., *Quincy.*
*Stevens, Isaac, *Boston.*
Stimpson, H. H., *Cambridge.*
Stone, Eliphalet, *Dedham.*
Stone, Leonard, *Watertown.*
Stone, P. R. L., *Cambridge.*
Strong, W. C., *Brighton.*
Sturtevant, Noah, *Boston.*
Sumner, William R., *Dedham.*
Swan, Daniel, *Medford.*
Sweetser, Samuel, *Woburn.*

*Taylor, Charles, *Dorchester.*
Thatcher, Thomas, Jr., *Roxbury.*
*Thaxter, Lèvi, *Watertown.*
Ticknor, W. D., *Roxbury.*
*Tidd, Marshall, *Woburn.*
Tolman, J. P., *Boston.*
*Towne, Orr N., "
Trautman, Martin, *Roxbury.*
Tucker, James Jr., *Dorchester.*
Tudor, Frederick, *Boston.*
Turner, N. W., *Newton.*
Turner, R. W., *South Malden.*
Tuttle, Hugh H., *Boston.*
*Tyler, John, *Boston.*

Underwood, Wm., *Boston.*
Underwood, W. J., "

Vandine, Henry, *Cambridgeport.*
Vila, James, *Boston.*
*Vose, Elijah, *Dorchester.*

*Waldron, R. R., (U. S. N.)
Wales, Apollos, *Randolph.*
Wales, William, *Dorchester.*
Walker, T. W., *Waltham.*
Walley, Samuel H., Jr., *Roxbury.*
Walsh, George, *Charlestown.*
Ward, Edward A., *Cambridge.*
Ward, Richard, *Roxbury.*
*Ward, Samuel, "
Ware, P. P. P., *Boston.*
*Warren, J. C., "
Warren, Samuel D., *Waltham.*
Washburn, Allen J., *Dorchester.*
Washburn, John, *Plymouth.*
Weld, Aaron D., *West Roxbury.*
Weld, Stephen M., " "
Weld, William F., *Boston.*
*Wellington, Andrew, *E. Lexington.*
Wellington, Joseph V., *Cambridge.*
*Wentworth, James, *Boston.*
*Wheelwright, Wm. W., "
Wheildon, Wm. W., *Concord.*
*White, Ferdinand E., *Boston.*
White, George E., "
White, Nathaniel, *Quincy.*
White, Nathan H., "
*White, Stephen, *Boston.*
Whitney, Joel, *Winchester.*
Whitney, William F., *Boston.*
*Williams, Francis L., *Roxbury.*
Williams, J. Otis, *Jamaica Plain.*
Williams, Stephen, *Roxbury.*
Wilson, George, *Marblehead.*
Wilson, George W., *Malden.*
*Winchester, William P., *Boston.*
*Winship, Jonathan, *Brighton.*
Winslow, Reuben, *Roxbury.*
Worcester, Joseph E., *Cambridge.*
*Wyatt, Robert, *Boston.*
Wyman, Luke, *West Cambridge.*

Yendell, George, *Dorchester.*
Young, William, *Fall River.*

# HONORARY MEMBERS.

A * DENOTES THE MEMBER AS DECEAESD.

*JOHN QUINCY ADAMS, LL.D., late President of the United States.
WILLIAM T. AITON, Curator of the Royal Gardens, Kew.
JOHN ABBOTT, Brunswick, Me.
*BENJAMIN ABBOTT, LL.D., Exeter, N. H.
*HON. SAMUEL APPLETON, Boston.
JAMES ARNOLD, New Bedford.
L'ABBE BERLESE, Paris.
LE CHEVALIER SOULANGE BODIN, Secrétaire-Géneral de la Société d'Horticulture de Paris.
EDWARD N. BANCROFT, M. D., President of the Horticultural and Agricultural Society of Jamaica.
JAMES BEEKMAN, New York.
*JESSE BUEL, Ex-President of the Albany Horticultural Society.
*ROBERT BARCLAY.
*PHILIP P. BARBOUR, Virginia.
*NICHOLAS BIDDLE, Philadelphia.
*MRS. BIGELOW, Medford.
JOSIAH BRADLEE, Boston.
HON. GEORGE N. BRIGGS, Pittsfield.
HON. GEORGE S. BOUTWELL, Brookline.
HON. JAMES BUCHANAN, President of the United States.
*HON. HENRY CLAY, Kentucky.
*AUGUSTIN PYRAMUS DE CANDOLLE, Geneva.
*ZACCHEUS COLLINS, Philadelphia.
*ADMIRAL SIR ISAAC COFFIN, Bart., England.
*WILLIAM COXE, Burlington.
*ISAAC CHAUNCY, U. S. Navy, Brooklyn, N. Y.
*LEWIS CLAPIER, Philadelphia.
J. P. CUSHING, Watertown, Mass.
*GEN. H. A. S. DEARBORN, Roxbury.
CHARLES W. DABNEY, Fayal.
JAMES DICKSON, Vice President of the London Horticultural Society.
DON RAMON DE LA SAGRA, Cuba.
*SIR HUMPHREY DAVY, London.

*MRS. DOROTHY DIX, Boston.
*HON. JOHN DAVIS, LL.D., Boston.
HON. EDWARD EVERETT, Boston.
*HON. HORACE EVERETT, Vermont.
CHARLES A. EVANSON, St. Johns, N. B.
*HON. STEPHEN ELLIOT, Charleston, S. C.
*CAPT. JESSE D. ELLIOT, U. S. Navy.
F. FALDERMANN, Curator of the Imperial Botanic Garden, at St. Petersburg.
DR. F. E. FISCHER, Professor of Botany of the Imperial Botanic Garden, at St. Petersburg.
HON. THEODORE FRELINGHUYSEN, Ex-President of the American Agricultural Society.
HON. MILLARD FILLMORE, late President of the United States.
JOSEPH GALES, JR., Washington.
JOHN GREIG, Geneva, N. Y.
MRS. MARY GRIFFITH, Charlies Hope, N. J.
*MRS. REBECCA GORE, Waltham.
*STEPHEN GIRARD, Philadelphia.
*GEORGE GIBBS, New York.
*HON. ROBERT H. GOLDSBOROUGH, Talbot County, Maryland.
HERICART DE THURY, La Vicomte, President de la Société d'Horticulture de Paris.
THOMAS HOPKIRK, President of the Glasgow Horticultural Society.
LEWIS HUNTS, Huntsburg, Ohio.
S. P. HILDRETH, M. D., Marietta, Ohio.
*DAVID HOSACK, M. D., President of the New York Horticultural Society.
*GEN. WILLIAM HENRY HARRISON, late President of the United States.
JOSEPH R. INGERSOLL, Philadelphia.
*GEN. ANDREW JACKSON, late President of the United States.
*MRS. MARTHA JOHONNOT, Salem.
*THOMAS ANDREW KNIGHT, Ex-President of the Horticultural Society of London.
*JOHN C. LOUDON, London.
BARON H. CAROL VON LUDWIG, Cape Town, Cape of Good Hope.
LE COMTE DE LASTEYERE, Vice-President de la Société d'Horticulture de Paris.
FRANKLIN LITCHFIELD, Porto Cabello.
JOSHUA LONGSTRETH, Philadelphia.
NICHOLAS LONGWORTH, Cincinnati.
*GEN. LA FAYETTE, La Grange, France.
*JACOB LORILLARD, Ex-President of the New York Horticultural Society, New York.
JOHN A. LOWELL, Beverly.

*HON. THEODORE LYMAN, Brookline.
BARON JUSTICE LIEBIG, Geissen, Germany.
PROF. J. LINDLEY, Secretary of the London Horticultural Society.
A. H. LATOUR, M. P., Montreal.
MONS. F. A. MICHAUX, Paris.
——— MOSSELMAN, Antwerp.
*HON. CHARLES F. MERCER, Virginia.
D. S. M'CAULEY, Tripoli.
*MRS. CHARLOTTE MARRYATT, Wimbledon, near London.
*HON. JAMES MADISON, late President of the United States.
*HON. JAMES MUNROE, late President of the United States.
*LEWIS JOHN MENTENS, Bruxelles.
*SAMUEL L. MITCHELL, LL.D., New York.
*HON. ISAAC McKIM, President of the Horticultural Society of Maryland.
A. MUNSON, M. D., Ex-President of the New Haven Horticultural Society.
A. W. MORIA, Montreal.
BARON OTTENFELS, Austrian Minister to the Ottoman Porte.
MONS. POITEAU, Professor of the Institut Horticole de Fromont.
*JOHN H. POWELL, Powellton, Pennsylvania.
*WILLIAM PRINCE, Long Island, New York.
JOHN PALMER, Calcutta.
*HENRY PRATT, Philadelphia.
*HON. THOMAS H. PERKINS, Brookline, Mass.
SAMUEL B. PARSONS, Flushing, N. Y.
REV. GEORGE PUTNAM, Roxbury.
ARCHIBALD JOHN, Earl of ROSEBERRY, President of the Caledonian Horticultural Society.
JOHN SHEPHERD, Curator of the Botanic Garden, Liverpool.
*JOHN S. SKINNER, Baltimore.
*JOSEPH SABINE, Secretary of the London Horticultural Society.
*SIR WALTER SCOTT.
*WILLIAM SHAW, New York.
*JUDGE STRONG, Rochester.
STEPHEN H. SMITH, President of the Rhode Island Horticultural Society.
G. W. SMITH.
HON. CHARLES SUMNER, Boston, Mass.
M. TOUGARD, Rouen, France.
JOHN TURNER, Assistant Secretary of the London Horticultural Society.
*JAMES THACHER, M. D., Plymouth.
GRANT THORBURN, New York.
*HON. JOHN TALIAFERRO, Virginia.
*M. DU PETIT THOURS, Paris, Professor Poiteau of the Institut Horticole de Fromont.

COL. W. TOWSON, President Horticultural Society, Washington, D. C.
NATHANIEL TOWSON, Washington, D. C.
HON. JOHN TYLER, late President of the United States.
REV. JOSEPH TYSO, Wallingford, England.
J. J. THOMAS, Macedon, N. Y.
MONS. P. P. A. VILMORIN, Paris.
*J. B. VAN MONS, M. D., Brussels.
*PETTY VAUGHAN, London.
HON. MARTIN VAN BUREN, late President of the United States.
JOSEPH R. VAN ZANDT, Albany.
FEDERAL VANDERBURG, M. D., New York.
*BENJAMIN VAUGHAN, Hallowell, Me.
*GEN. STEPHEN VAN RENSSELAER, Albany.
REV. W. VILLENERE, Montreal.
*HON. DANIEL WEBSTER, Marshfield, Mass.
*HON. JOHN WELLES, Boston.
NATHANIEL WILLICH, M. D., Curator of the Botanic Garden, Calcutta.
*JAMES WADSWORTH, Genesee, N. Y.
MALTHUS A. WARD, Professor Franklin College, Athens, Ga.
*FREDERICK WALCOTT, Litchfield, Conn.
ASHTON YATES, Liverpool.

# CORRESPONDING MEMBERS.

A * DENOTES THE MEMBER AS DECEASED.

JOHN ADLUM, Georgetown, District of Columbia.
THOMAS ASPINWALL, late Liverpool, now Brookline, Mass.
DON FRANCISCO AQUILAR, of Moldonada, in the Banda Oriental.
A. B. ALLEN, Editor American Agriculturist, New York.
REV. THOMAS D. ANDERSON, Roxbury.
*NOEL J. BECAR, Brooklyn, N. Y.
JOSEPH BERNARD BAUMANN, Bolwiller, France.
AUGUSTIN BAUMANN, Bolwiller, France.
NAPOLEON BAUMANN, Bolwiller, France.
EUGENE ACHILLE BAUMANN, Bolwiller, France.
MONS. TRIPET LE BLANC, Paris.
DR. NEHEMIAH BRUSH, East Florida.
ALEXANDER BURTON, Cadiz.
*E. W. BULL, Hartford, Conn.
JOHN W. BROWN, Fort Gaines, Georgia.
*ISAAC COX BURNETT, Consul, Paris.
REV. HENRY W. BEECHER, late Editor of the Western Farmer and Gardener, Brooklyn, N. Y.
ROBERT BUIST, Philadelphia.
WILLIAM D. BRINKLE, M. D., Philadelphia.
EDWARD BECK, Worton College, Isleworth, near London, England.
LOUIS EDOUARD BERCKMANS, Plainfield, N. J.
ROBERT CARR, Philadelphia.
JAMES COLVILL, Chelsea, England.
FRANCIS G. CARNES, New York.
*REV. HENRY COLMAN, Boston.
H. W. S. CLEVELAND, Burlington, N. J.
S. L. DANA, M. D., Lowell.
JAMES DEERING, Portland, Me.
*A. J. DOWNING, Newburgh, N. Y.
*H. F. DICKEHUT.
C. WENTWORTH DILKE, London.
HON. HENRY L. ELLSWORTH, Washington.

EBENEZER EMMONS, M. D., Williamston.
A. H. ERNST, Cincinnati, Ohio.
GEORGE B. EMERSON, Boston.
MICHAEL FLOY, New York.
JOHN FOX, Washington, D. C.
*NATHANIEL FELLOWS, Cuba.
WILLIAM R. FOSTER, Baltimore.
*HENRY J. FINN, Newport, R. I.
*HON. RUSSELL FREEMAN, Sandwich.
HENRY WELD FULLER, Roxbury.
*BENJAMIN GARDNER, late Consul U. S. at Palermo.
ROBERT H. GARDNER, Gardiner, Me.
ABRAHAM P. GIBSON, St. Petersburg.
CHARLES W. GORDON, Boston.
R. GLENDENNING, Chiswick, near London, England.
*CAPT. JAMES P. GERRY, U. S. Navy.
PROF. ASA GRAY, Cambridge, Mass.
AUGUSTUS GANDE, President Horticultural Society, Department of Sarthe.
*CHARLES H. HALL, New York.
JOHN HAY, Architect of the Caledonian Horticultural Society.
ABRAHAM HALSEY, New York.
*REV. T. M. HARRIS, D. D., Dorchester.
*T. W. HARRIS, M. D., Cambridge.
*ISAAC HEAD, Cincinnati, Ohio.
ISAAC HUNTER, Baltimore.
*THOMAS HOGG, New York.
BERNARD HENRY, Philadelphia.
I. I. HITCHCOCK, Baltimore.
PROF. E. M. HORSFORD, Cambridge.
EDWARD JONES, M. D., Dorchester.
WILLIAM J. JOHNSON, M. D., Fort Gaines, Georgia.
SAMUEL KNEELAND, Jr., M. D., Boston.
DAVID LANDRETH, Corresponding Secretary of the Pennsylvania Horticultural Society.
*E. S. H. LEONARD, M. D., Providence.
HON. GEORGE LUNT, Boston.
MONS. LAFFAY, Bellevue, near Paris, France.
ANDRÉ LEROY, Angers, France.
C. MACKINTOSH, Dalkeith Palace, near Edinburgh.
F. W. MACONDRAY, San Francisco, Cal.
*JAMES MAURY, Consul, Liverpool.
JOHN MILLER, M. D., Secretary of Horticultural and Agricultural Society, Jamaica.
STEPHEN MILLS, Long Island, N. Y.
JAMES MEASE, M. D., Philadelphia.
ALLAN MELVILLE, New York.

WILLIAM S. M'LEAY.
GUISEPPE MONARCHINI, M. D., Isle of Candia.
HORATIO NEWHALL, M. D., Galena, Illinois.
JAMES OMBROSI, Florence.
*DAVID W. OFFLEY, U. S. Agent, Smyrna.
*JOHN L. PAYSON, Consul, Leghorn.
*ANDREW PARMENTER, Long Island, N. Y.
JOHN PARKER, Amsterdam.
*DAVID PORTER, Chargé des Affaires of the United States at the Ottoman Porte.
SIR JOSEPH PAXTON, M. P., Chatsworth, England.
WILLIAM R. PRINCE, Long Island, N. Y.
ALFRED S. PRINCE, Long Island, N. Y.
COM. M. C. PERRY, U. S. Navy.
JOHN J. PALMER, New York.
J. B. RUSSEL, Cincinnati, Ohio.
THOMAS RIVERS, Sawbridgeworth, England.
GEORGE R. RUSSELL, Roxbury.
*THOMAS ROTCH, Philadelphia.
*WILLIAM FOSTER REDDING, Baltimore.
CAPT. WILLIAM S. ROGERS, U. S. Navy.
M. D. REYNOLDS, Schenectady, N. Y.
J. S. ROGERS, Hartford, Conn.
*JOHN H. RICHARDS, M. D., Illinois.
REV. JOHN LEWIS RUSSELL, S. Hingham.
MONS. J. RINZ, Jr., Frankfort on the Main.
*WILLIAM SHALER.
DANIEL D. SMITH, Burlington, N. J.
GIDEON B. SMITH, Baltimore.
WILLIAM SHAW, New York.
*JUDGE STRONG, Rochester, N. Y.
THOMAS H. STEPHENS, U. S. Navy, Middletown, Conn.
*CALEB R. SMITH, New Jersey.
*HORATIO SPRAGUE, U. S. Consul, Gibraltar.
FRANCIS SUMMEREST.
WILLIAM SUMMER, Pomerania, S. C.
WILLIAM F. STRANGEWAY, British Secretary of Legation at Naples.
*JAMES P. STURGIS, Canton.
GEORGE C. THORBURN, New York.
JOHN TILLSON, Jr., Illinois.
PROF. TENORE, Director of the Botanical Garden at Naples.
*J. E. TESCHEMACHER, Boston.
PROF. TINIO, Director of the Botanical Garden at Palermo.
ROBERT THOMPSON, London.
CAREY TYSO, Wallingford, England.
LUTHER TUCKER, Editor of the Cultivator, Albany, N. Y.

LEWIS VAN HOUTTE, Ghent.
M. VATTEMARE, Paris.
J. F. WINGATE, Bath, Me.
JOSHUA WINGATE, Portland.
JOSEPH A. WINTHROP, South Carolina.
MONS. EMILIEN DE WAEL, Antwerp.
*WILLIAM WILSON, New York.
J. AMBROSE WIGHT, late Editor of Prairie Farmer, Chicago, Ill.
PROF. WILSON, London.

# ADDRESSES.

At the customary annual meeting of the Society for the induction into office of the new Board of Government, held on the 2d of January, the following interesting addresses were delivered by the retiring President, Joseph S. Cabot of Salem, and his successor in office, Josiah Stickney of Watertown:—

## ADDRESS OF MR. CABOT.

We are assembled here this morning, Gentlemen of the Massachusetts Horticultural Society, with such favorable auguries as are to be inferred from bright skies and a clear sun, to inaugurate the government of the Society for the year now commencing; as this is the day when, in accordance with the provisions of its by-laws, its officers chosen at the last annual election are to enter upon the discharge of their respective duties. At the present time those who for the last few years have filled some of the more prominent offices in the Society, retire from farther service therein, the vacancies thereby created having been filled by new elections; and thus the occasion assumes somewhat more than its usual degree of importance, commencing as it does not only a new year, but a new administration of the affairs of the association.

Upon this occasion, then, so accompanied by circumstances that tend to render it impressive, I trust to be excused for a few remarks that may seem to me applicable to the occasion, and such as the circumstances may seem to justify if not to demand.

To me, gentlemen, the occasion is one of deep interest, because, after having for the last six years discharged the duties of President of the Society, I am to-day to be released from the cares and responsibilities of that office; and thus the occasion becomes to me one of those eras, as it were, that come at times to all men, and serve to mark distinctly, to themselves at least, the different stages of their own progress. Although the cares and responsibilities of the President of this Society may be neither onerous or oppressive, yet have they become to me, from long continuance, so far wearisome and annoying, that a feeling of relief is experienced at being released therefrom; and yet when it is considered that this relief is obtained at the cost of breaking up long-continued associations and habits of business,—and that the event of which it is the result speaks in language not to be misunderstood, and that should not be disregarded, of the rapid passing away of time,—the satisfaction experienced is found not to be without alloy, but to be, in view of these circumstances, mingled with a feeling akin to sadness.

Since I have been President of the Society, it has ever been my earnest purpose, gentlemen, to discharge the duties that thereby devolved upon me with impartiality, fidelity, and to the best of my ability. That I should have always succeeded in such attempts, either to my own or your satisfaction, was hardly to have been expected. But yet, conscious of integrity of purpose, I do not feel that I am now called upon to attempt any apology for shortcomings in duty, but rely upon your kindness for an indulgent consideration of my errors.

For whatever of success has attended me in my efforts to promote the objects and interests of this Society, I am under obligations to the gentlemen who, at different times, have been associated with me in the administration of its affairs, for assistance and coöperation; and I would especially, in this connection, bear testimony to the fidelity with which the duties of its Superintendent have been discharged by the present incumbent in that office.

During the time that I have been President of the Society, it has been called upon to part with many who have at times been among its members, some having been taken away by death, others having voluntarily withdrawn; and here, perhaps, a mournful satisfaction might be indulged in the mention of those that, taken away by death, were, when living, united to some of us by the bonds of intimacy and friendship, to all of us by the ties of common pursuits and common interests,—by speaking of such, their labors, their efforts, their successes, their attainments, and their virtues; but to do this, would be to attempt the performance of a perhaps invidious duty, and one that had therefore better be omitted. These, if no longer with us, are not forgotten, nor was their loss unlamented; if unnamed, they are not unhonored in our memories. But notwithstanding the loss sustained from these causes, it has been more than made good by the addition of new members, and there are now more names borne on the rolls of the Society than at any former period.

For the six years that I have been President, the position of Chairman of the Fruit Committee has for all that time been filled by the same gentleman, in a manner that has given universal satisfaction; and for the same time, the several Standing Committees of the Society have consisted in part of the same members, who have continued to perform their onerous but important functions with commendable discretion and fidelity; and of whose labors the Society has shown a due appreciation. For the same period as that to which I have alluded, the gentleman who is now Treasurer of the Society has continued to discharge the important duties assigned to that office, with, I need not say to you who know him, signal skill and ability; and during this time the income of the Society has been sufficiently large to permit the discharge of the debt heretofore existing against the Society, beside allowing a very considerable addition to its permanent funds.

Whether, then, we have reference to the number of its members or to the amount of its funds, the condition of the Society cannot be considered other than eminently prosperous.

I congratulate you, gentlemen, on this prosperous state of affairs. I con-

gratulate you that the Society enters upon a new year under happy auspices, with a numerous list of members, with an income sufficient for its present wants, and with a rational prospect of its gradual increase, with a board of officers chosen with great unanimity, with a gentleman placed at its head, to be its President, of mature judgment, enlarged views, liberal principles, of high cultivation in whatever relates to horticultural science, of eminent skill in all that pertains to horticultural practice, and who, so far as a continuance of the prosperity and usefulness of the Society can be dependent on individual effort, is both able and willing to promote the one and extend the other.

For the many tokens of kindness that I have received at the hands of the Society since my connection with it, I now, by returning my thanks therefor, make all the acknowledgment in my power. Those kindnesses have been duly appreciated, and the remembrance of them will be gratefully cherished.

Having thus, gentlemen, given you this account of my stewardship, I am ready to resign it into the hands that you have delegated to receive it; for I have now so nearly "finished the work that has been given me to do," that when I shall have performed one more act of official duty, or perhaps I should say of official courtesy, my connection with the Society as its President will be finally terminated. To perform that act will be entirely satisfactory to me. I am sure that it cannot be otherwise than acceptable to you, because that which I am called upon to do, as the one final, closing act of my official career, is for me to give place to my elected successor.

And now, gentlemen, in the performance of this last duty, to that successor I resign the chair,—thereby conferring upon him the powers and imposing upon him the duties heretofore exercised by or assigned to me; and having done this, with my most sincere wish that the exercise by that successor of the one, and the fulfilment by him of the other, may be in such manner as to redound alike to his own honor and to the benefit of the Society, I bid you a final farewell.

## ADDRESS OF MR. STICKNEY.

Josiah Stickney, the newly-elected President, upon taking the chair, spoke as follows:—

Gentlemen of the Massachusetts Horticultural Society,—It is with some embarrassment that I now address you. I have a deep and grateful sense of the high honor you have conferred upon me in electing me as your President,—an honor heretofore bestowed upon gentlemen in all respects qualified to discharge the duties of the office in a manner entirely satisfactory to the Society, and with lasting credit to themselves. When I read from our records the names of the presidents who have, from the earliest history of our Society down to the present day, filled this chair, it seems to me an act of temerity for one of my humble capacities to stand in their place; but, gentlemen, I have yielded my own judgment in the case to the

opinions and solicitations of you and my friends, who have succeeded almost, *not quite*, in persuading me that I possess some qualifications for the office; and while I now promise to serve the Society to the best of the little knowledge and ability I may have, I deem it prudent, on my part at least, to say that those friends must take their full share of responsibility for all my deficiencies, and I rely upon them to support me in all my labors.

As I was one of the committee for nomination of officers for the year we have just entered upon, I may be allowed to say a few words in regard to my own nomination for the office of President. My associates in that committee will do me the justice to say that I took no part in any measure whatever tending to place myself in nomination; on the contrary, I have often urged, with all my feeble powers, the stronger claims and higher qualifications of other members. I found no difficulty in pointing out a number of names, each one of which possessed talents for the office superior to mine, and though it would be a difficult matter to choose from among their number, it may not be improper to say that the gentlemen who now occupy the chairs of your Vice-Presidents, are any of them admirably qualified for the office of President. It would have given me great pleasure to have seen either of them filling this chair.

And now what shall I say of the gentleman who has just retired from it? For six years he has filled this office and discharged its duties with signal ability. The history of his acts are to be found in many of the doings which have given honor and prosperity to our Society, and while I remember with gratitude and reverence the eminent men who have preceded him, to none would I award warmer thanks. He carries with him, I am sure, the hearty good wishes of every member of our Society, who cannot but feel regret at his declination of an office upon which he has shed so much lustre.

Permit me to offer a few suggestions of a business character for your consideration, namely: That our annual shows be confined to our own rooms, and that the standard quality of articles there exhibited shall be raised to suit the room we have, with the exception of those years when the mechanics hold their grand fair; at which time I propose that we should hold *our* great exhibition at the Music Hall or some other suitable place.

Judging from our past experience, the public taste appears to be overtasked with shows; would it not be better, therefore, to make them more of a novelty,—by that means avoiding, to some extent, the risk of loss to ourselves?

It appears self-evident that the present time is an appropriate one to urge upon the Society the propriety of exercising the utmost economy in its disbursements and expenses. This feeling is in harmony with the present sentiment of the country; the monetary crisis having crushed the hopes of thousands of our friends and associates, and, as if not satisfied, has crossed the ocean to spread desolation upon foreign lands. While deploring this sad state of things, and returning to our own modest and comely temple, where we are wont to meet and mingle our good wishes in friend-

ship together, how grateful ought we to feel that, in the general wreck and ruin of property, we are in unchecked prosperity; our investments this moment, as a whole, being worth considerably more than their first cost. As our means increase, our progress in horticulture ought to keep pace with them. Those eminent men, with theory and practice to guide them, have already treated the great subjects before us with so much ability that it would be vain in me to trespass upon your patience longer.

Allow me, however, to suggest one subject as deserving particular attention at this time: I mean Landscape Gardening, an art heretofore almost entirely neglected as a science, and of course imperfectly developed in practice. It may be difficult for us as a Society to do much to promote an improvement so much needed in this particular. That must rather be brought about by individual influence, and the dissemination of a knowledge of the true principles of art and of a correct and chastened taste. As a Society, something may be accomplished by us through the Committee on Gardens, who, in their visits to amateur and other gardens, may direct their attention especially to this subject.

I look also to the establishment of an Experimental Garden, whenever our means may permit and circumstances favor it, as one of the best and most effective means of promoting the objects of the Society, and one that should never be lost sight of.

In conclusion, gentlemen, let us never forget that our future success depends not only upon our own improvements in the science of horticulture, in keeping up with all the important discoveries constantly developing themselves, but more especially in preserving amongst ourselves harmony of feeling, that corner stone, without which our Society must crumble and fall, and that freedom from prejudices, which is so necessary for our continued progress and complete success.

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On motion of C. M. Hovey, it was

*Voted*, That the thanks of the Society be presented to Vice-Presidents B. V. French, Cheever Newhall, Edw. M. Richards, and Josiah Stickney, who have so long filled their respective situations, and rendered their valuable services for the best interests of the Society.

# PRESENTATIONS OF PLATE.

At a stated meeting of the Society held January 2d, 1858, Eben. Wight of Dedham offered the following resolution, which was adopted:—

HORTICULTURAL HALL,
City of Boston, January 2, 1858.

*Whereas*, The members of the Massachusetts Horticultural Society, with the most agreeable recollections of the past services of their late President, cordially offer to him their thanks for his devoted and efficient services, for his uniform courtesy and kindness to his associates, and for the ability and fidelity with which he has performed his laborious duties.

*Resolved*, That a piece of plate of the value of one hundred and fifty dollars, with a suitable inscription thereon, be presented to JOSEPH S. CABOT, in the name of the Society, as a memento of the regard and esteem of its members for his valuable services as President of the Society.

*Voted*, That a committee of three be appointed to procure the plate; and that the Treasurer be authorized to pay for the same.

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Samuel Walker of Roxbury offered the following resolution, which was adopted:—

HORTICULTURAL HALL,
City of Boston, January 2, 1858.

*Whereas*, The duties of the Chairman of the Fruit Committee have been (during the last six years) very onerous, and have been performed with great assiduity and impartiality,—conducive of harmony among the members, and also to the advantage and interest of the Society,—therefore,

*Resolved*, That a piece of plate, of the value of one hundred dollars, be procured and presented, with a suitable inscription, to EBEN. WIGHT, late Chairman of the Fruit Committee, as a token of the Society's appreciation of his zealous, faithful, and valuable services.

*Voted*, That a committee of three be appointed to carry the foregoing resolution into effect, and that the Treasurer be authorized to pay for the same.

# BY-LAWS RELATING TO MEMBERSHIP, ETC.

## SECTION XXIV.

ELECTION OF SUBSCRIPTION MEMBERS.

Candidates for Subscription Membership may be proposed at any regular meeting of the Society. And no person shall be elected a member unless his nomination shall have been duly entered on the records, and his name posted in the Library room for a term of four weeks, at least, previous to his election. All elections shall be by ballot, and three black balls shall exclude the candidate.

## SECTION XXV.

HONORARY AND CORRESPONDING MEMBERS.

The Society may (upon recommendation of the Executive Committee) elect Honorary and Corresponding Members whenever they may deem it expedient, to each of whom the Corresponding Secretary shall transmit a Diploma or Certificate of his election, under the seal of the Society, signed by the President and countersigned by the Recording Secretary; and such members, with the exception of the Professors of the Society, shall not be entitled to any of the pecuniary, elective, or controlling privileges of the Association.

## SECTION XXVI.

LIFE MEMBERS.

Twenty dollars shall constitute a Life Membership, and exempt the member from all future contributions. And any member, having once paid an admission fee, may become a Life Member by the payment of fifteen dollars in addition thereto.

## SECTION XXVII.

ADMISSION FEE AND ANNUAL CONTRIBUTION.

Each member not designated in Sections 25 and 26, before he receives his Diploma or exercises the privileges of a member, shall pay the sum of five dollars as an admission fee, and afterwards an annual contribution of two dollars.

## SECTION XXVIII.

PRIVILEGES OF MEMBERS.

Each member shall be entitled to the privilege of voting; of eligibility to office or appointment; of receiving a Diploma or Certificate of Member-

ship; of a copy of the published Transactions of the Society, and a printed copy of the By-Laws of the Association; of using the Library; of free admission and of introducing two ladies to all the exhibitions of the Society; which admission shall be regulated by tickets not transferable.

## SECTION XXIX.

### DISCONTINUANCE OF MEMBERS.

Any member who, after notice, shall neglect for the space of two years to pay his annual assessment, shall cease to retain his connection with the Society; and the Treasurer shall have power to erase his name from the list of members. And any member may, at any time, withdraw from the Society, on giving notice to the President, Secretary, Treasurer, or other Officer, and paying the amount due from him to the Society.

## SECTION XXXI.

### FISCAL YEAR.

The fiscal year shall commence on the first day of January, and all annual assessments shall be deemed and taken to be due at that time.

## SECTION XXXII.

### THE OBJECT AND DISTRIBUTION OF PREMIUMS AND GRATUITIES.

Premiums or Gratuities may be awarded to such persons as shall have essentially advanced the objects of the Society, or for the exhibition of any fruits, plants, flowers or vegetables, of their own growth or cultivation, either new in their kind or of uncommon excellence, or for any new and successful method of cultivating any kind of fruits, flowers, vegetables, shrubs, plants or trees, or for any other subject connected with horticulture.

## SECTION XXXIV.

### DISTRIBUTION OF SEEDS.

All donations of seeds shall be delivered over to the Professor of Botany for examination, and to be reported on. They shall then be distributed by the appropriate Committee in such manner as they may deem best, and the recipients shall, from time to time, make report of their success to the Society.

# OFFICERS

OF THE

# MASSACHUSETTS HORTICULTURAL SOCIETY.

*President,*
JOSIAH STICKNEY.

*Vice Presidents,*
E. S. RAND, JOSEPH BRECK,
EBEN. WIGHT, C. M. HOVEY.

*Treasurer,*
WILLIAM R. AUSTIN.

*Corresponding Secretary,*
EBEN. WIGHT.

*Recording Secretary,*
F. LYMAN WINSHIP.

*Professor of Botany and Vegetable Physiology,*
JOHN LEWIS RUSSELL.

*Professor of Entomology,*
J. W. P. JENKS.

*Professor of Horticultural Chemistry,*
E. N. HORSFORD.

## STANDING COMMITTEES.

*On Fruits,*
J. S. Cabot, Chairman; W. R. Austin, C. M. Hovey, W. C. Strong, E. A. Story, J. F. C. Hyde, Robert Manning.

*On Flowers,*
E. S. Rand, Jr., Chairman; John Lothrop, Azell C. Bowditch, C. H. B. Breck, Charles Copeland, W. J. Underwood, Matthew H. Burr.

*On Vegetables,*
D. T. Curtis, Chairman; P. B. Hovey, Eliphalet Stone, Francis Marsh, Bowen Harrington, Galen Merriam, Azell Bowditch.

*On the Library,*
C. M. Hovey, Chairman; Azell Bowditch; R. McCleary Copeland, Librarian; E. S. Rand, Jr., F. Winship.

*On Synonyms of Fruit,*
M. P. Wilder, Chairman; B. V. French, Samuel Walker, C. M. Hovey, and the Chairman of the Committee on Fruits.

*Executive Committee,*
The President, Chairman; The Treasurer; M. P. Wilder, S. Walker, J. S. Cabot.

*For Establishing Premiums,*
Chairman of Committee on Fruits, Chairman; Chairmen of Committees on Flowers, Vegetables, and Gardens; Corresponding Secretary; Recording Secretary.

*On Finance,*
M. P. Wilder, Chairman; Samuel Walker, J. S. Cabot.

*On Publication,*
Corresponding Secretary, Chairman; Chairmen of Committees on Gardens, Flowers, and Vegetables; Recording Secretary; C. M. Hovey, R. M. Clark.

*On Gardens,*
Samuel Walker, Chairman; W. R. Austin, F. L. Winship, Thomas Page, and the Chairmen of the Committees on Fruits, Flowers, and Vegetables.

*On Arrangements for Annual Exhibition,*
F. Lyman Winship, Eben. Wight, J. S. Cabot, W. R. Austin, C. M. Hovey, W. C. Strong, P. B. Hovey, D. T. Curtis, Sam'l Walker, A. C. Bowditch, F. Burr, Jr., E. S. Rand, Jr., R. McCleary Copeland.

☞The Annual Exhibition will be held SEPTEMBER 21, 22, 23, 24, at the Society's Hall, School Street, Boston.

Timothy T. Sawyer.

# REPORTS

OF THE

## COMMITTEES FOR 1857,

OF THE

# Massachusetts Horticultural Society,

AND THE

## SCHEDULE OF PRIZES FOR 1858.

WITH THE

ACTS INCORPORATING MOUNT AUBURN CEMETERY AND THE SOCIETY,

## A LIST OF MEMBERS,

AND THE

ADDRESSES OF THE RETIRING PRESIDENT, J. S. CABOT,
AND THE PRESIDENT ELECT, JOSIAH STICKNEY.

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